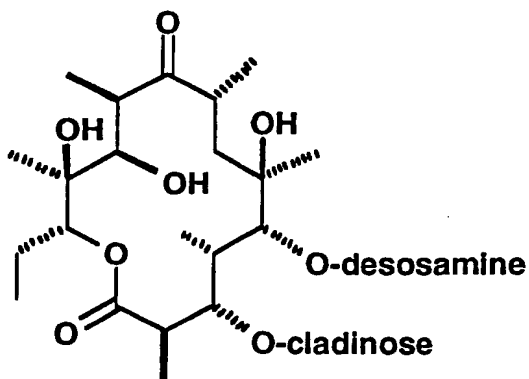
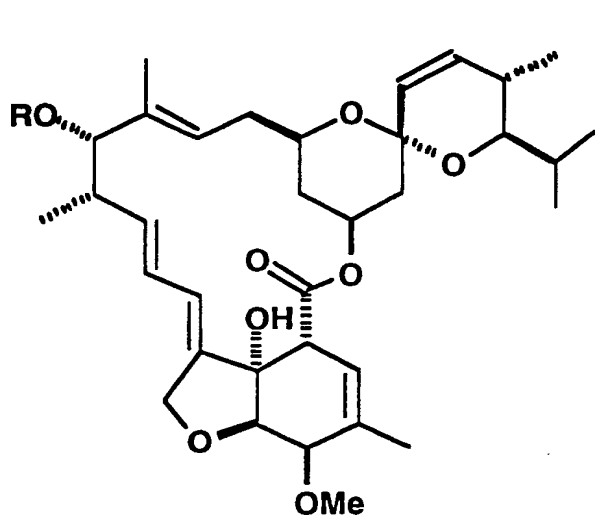
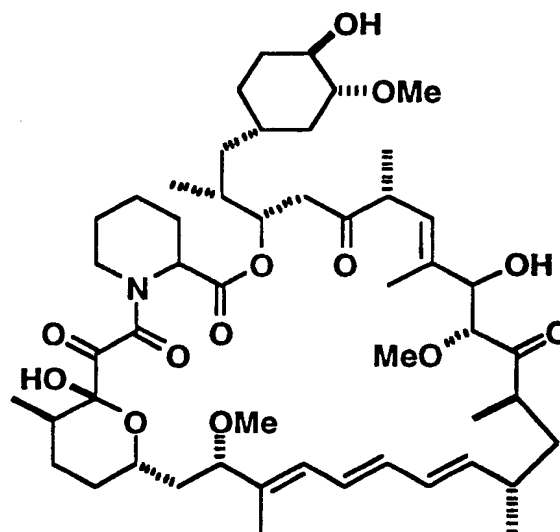


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**Erythromycin A****Avermectin A1b****Rapamycin****Figure 1.**

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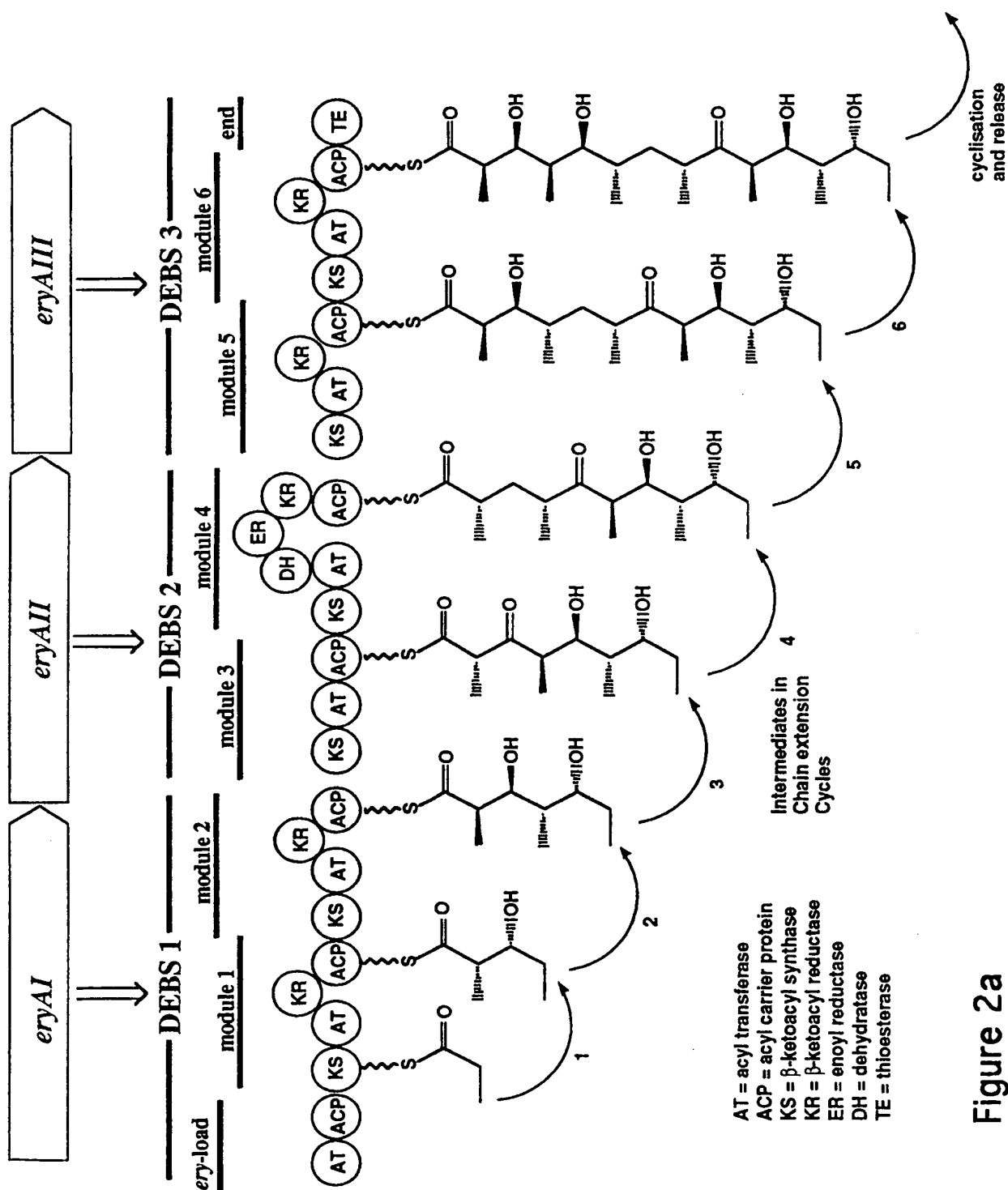


Figure 2a

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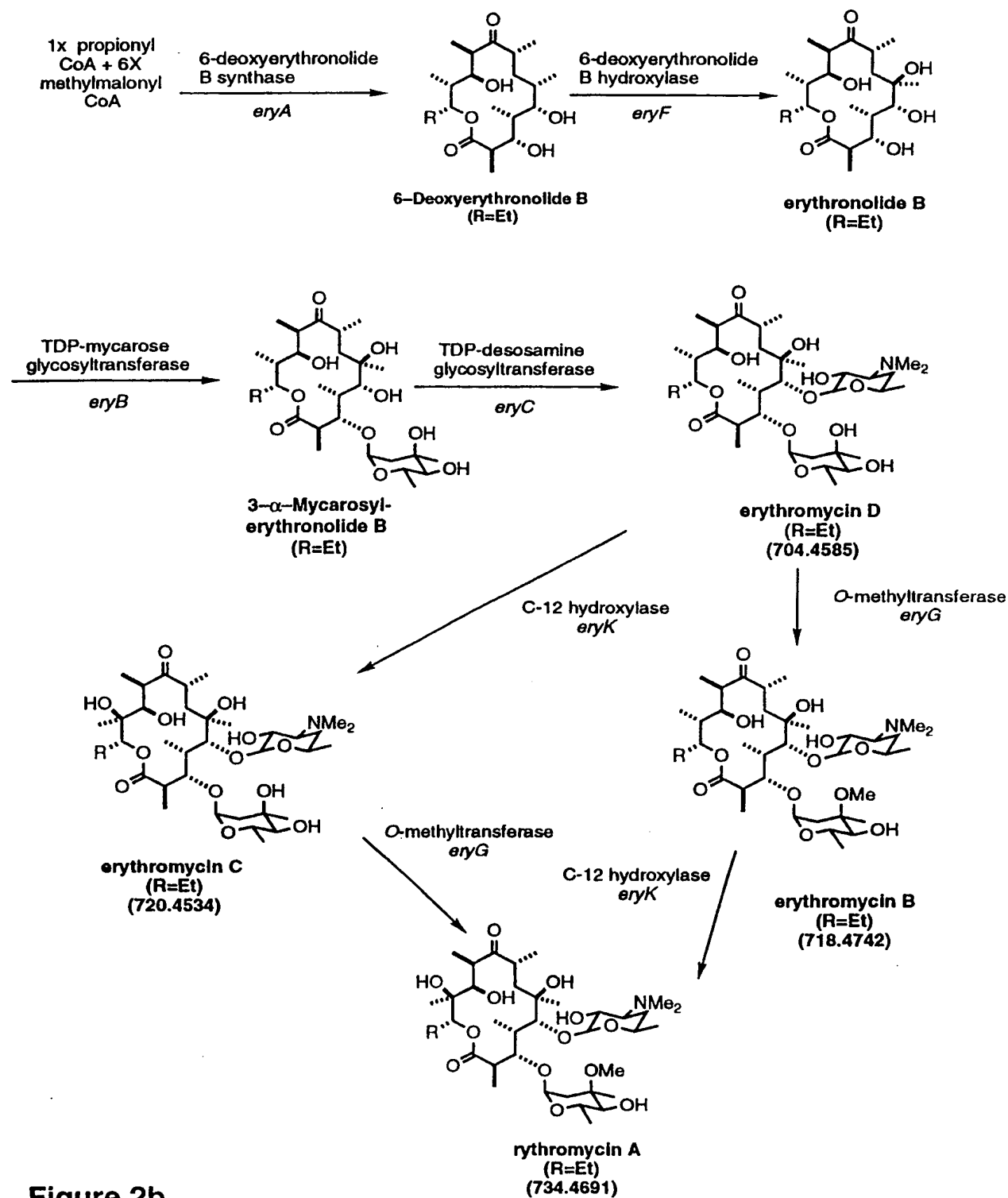


Figure 2b.

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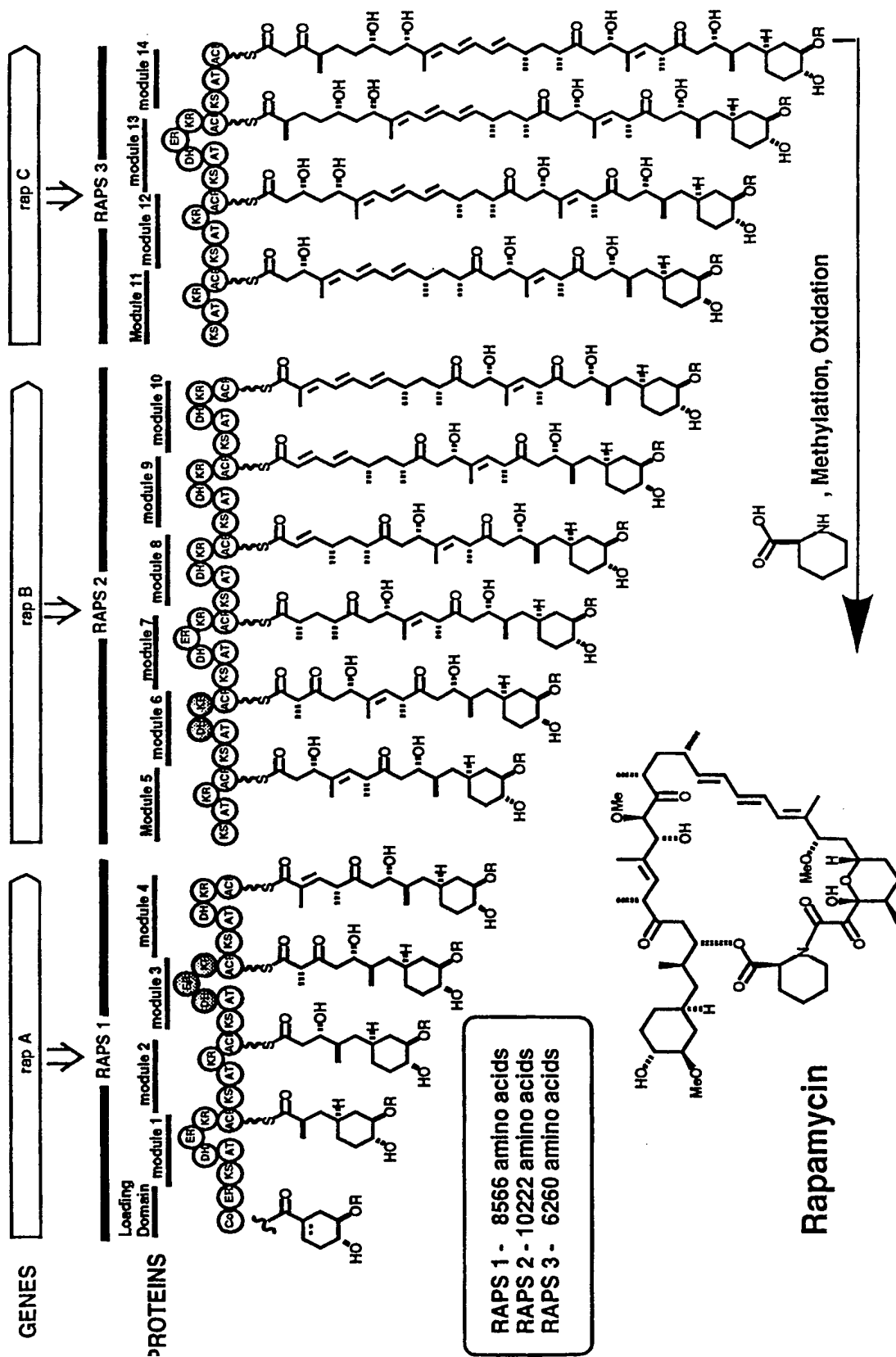


Figure 3

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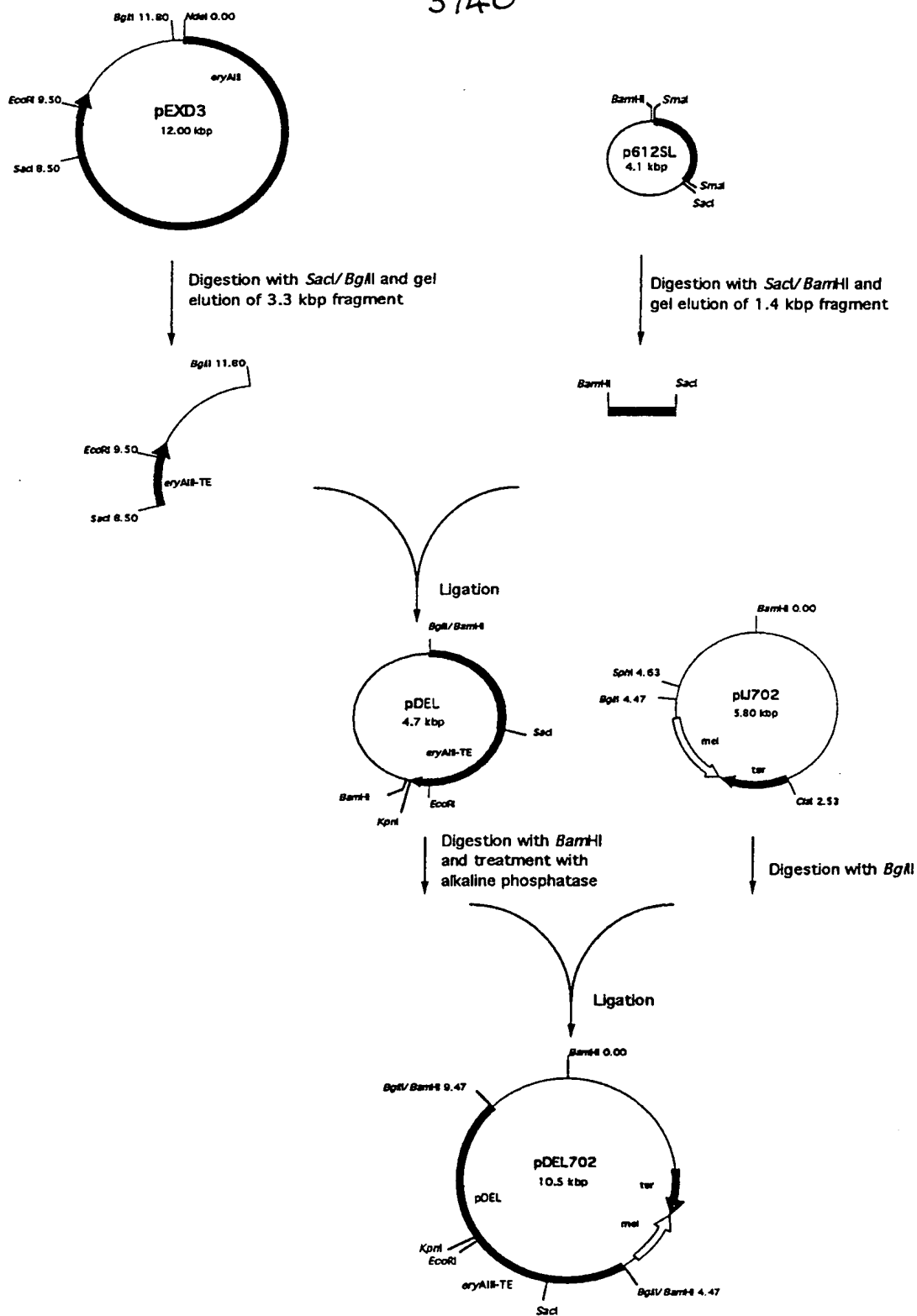


Figure 4

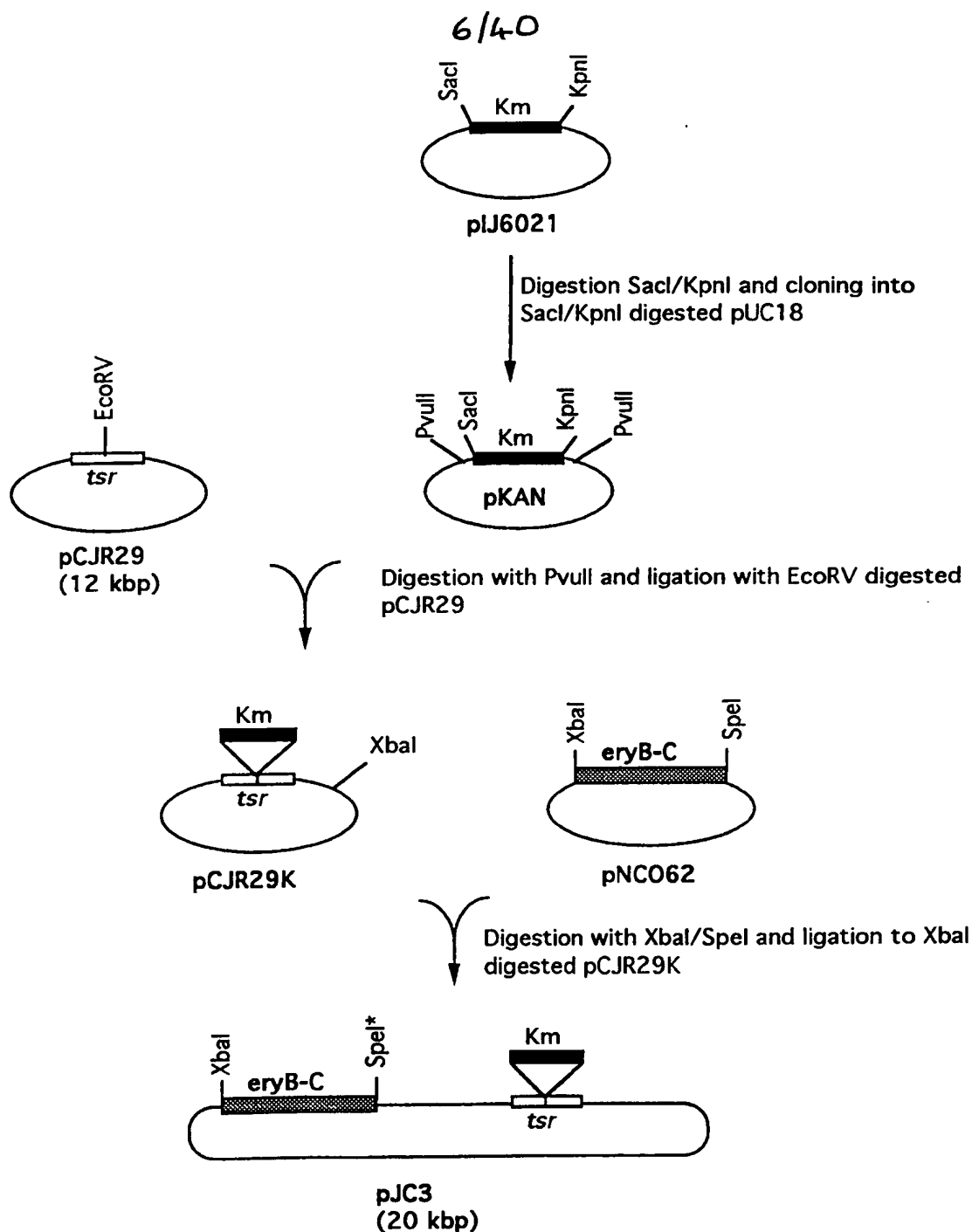


Figure 5. Construction of pJC3



Figure 6

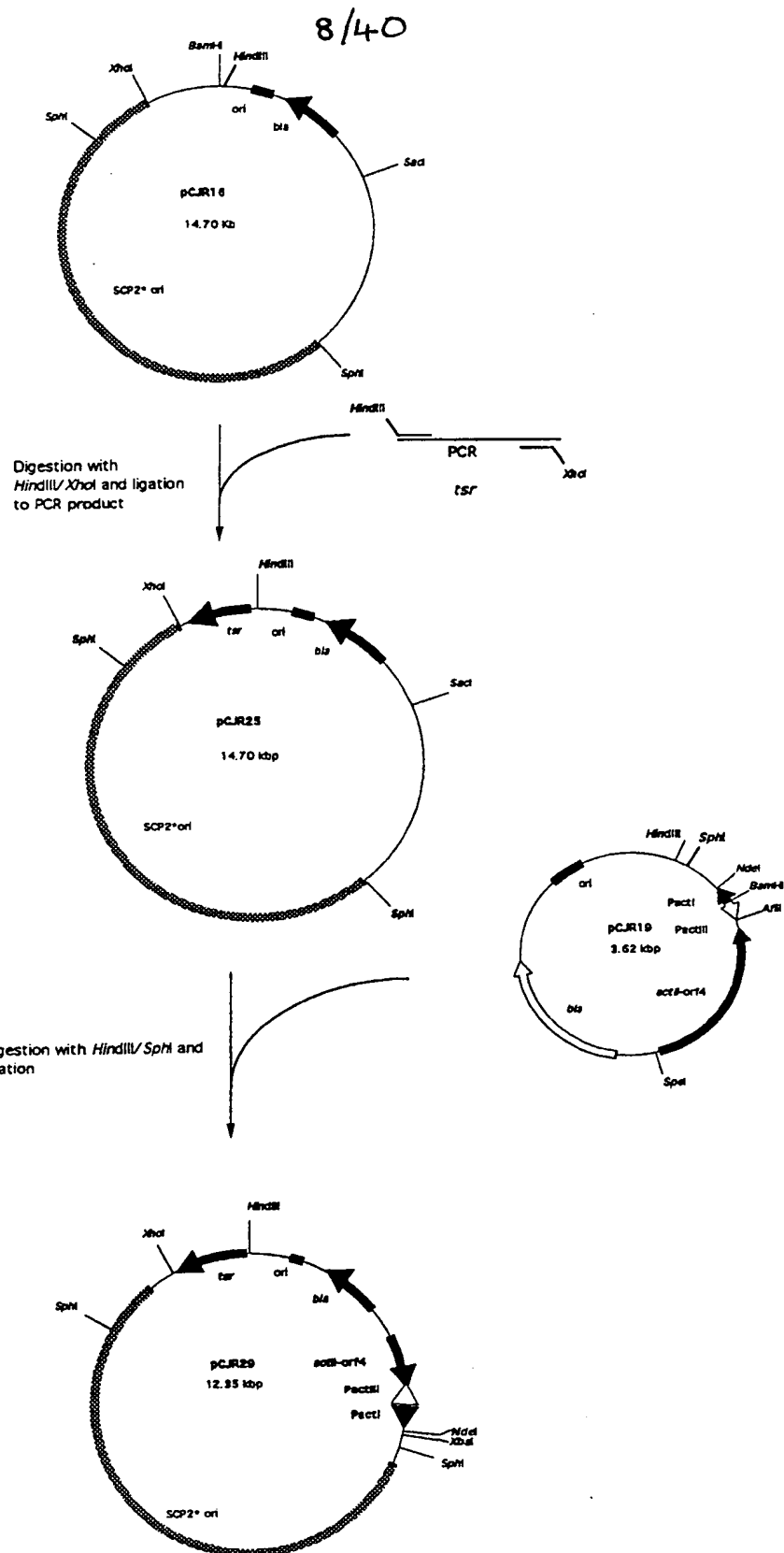


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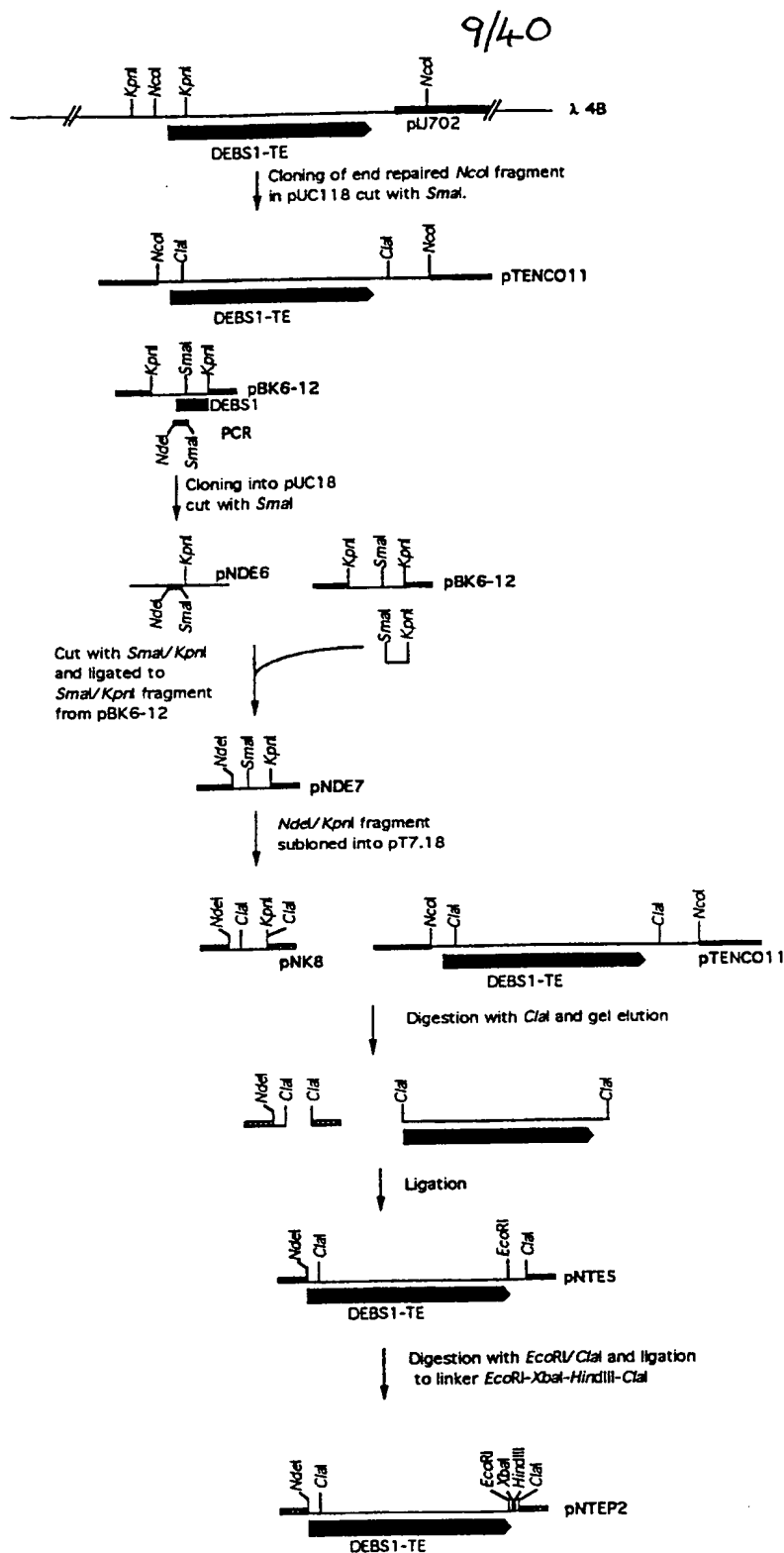


Figure 8.

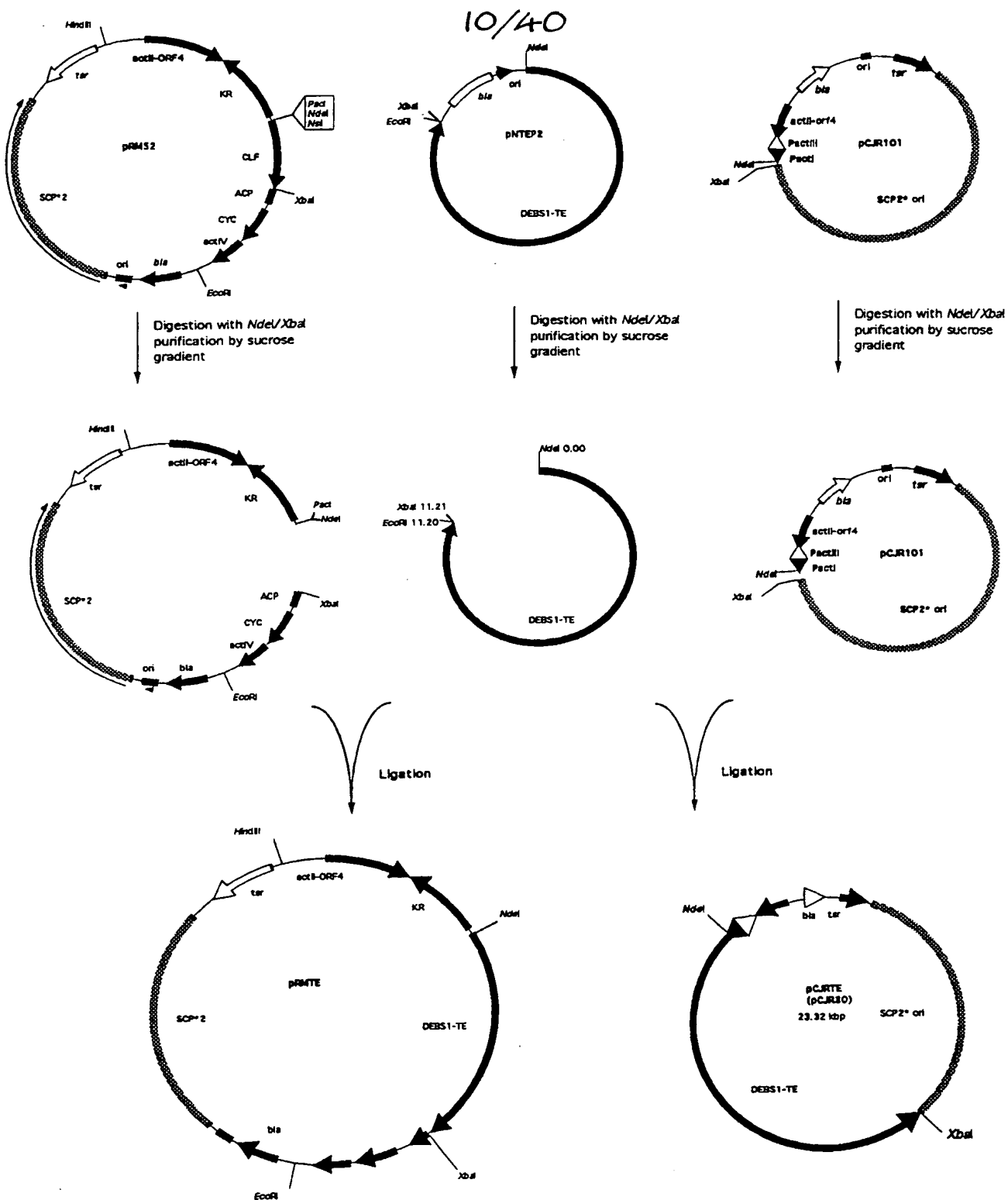


Figure 9.

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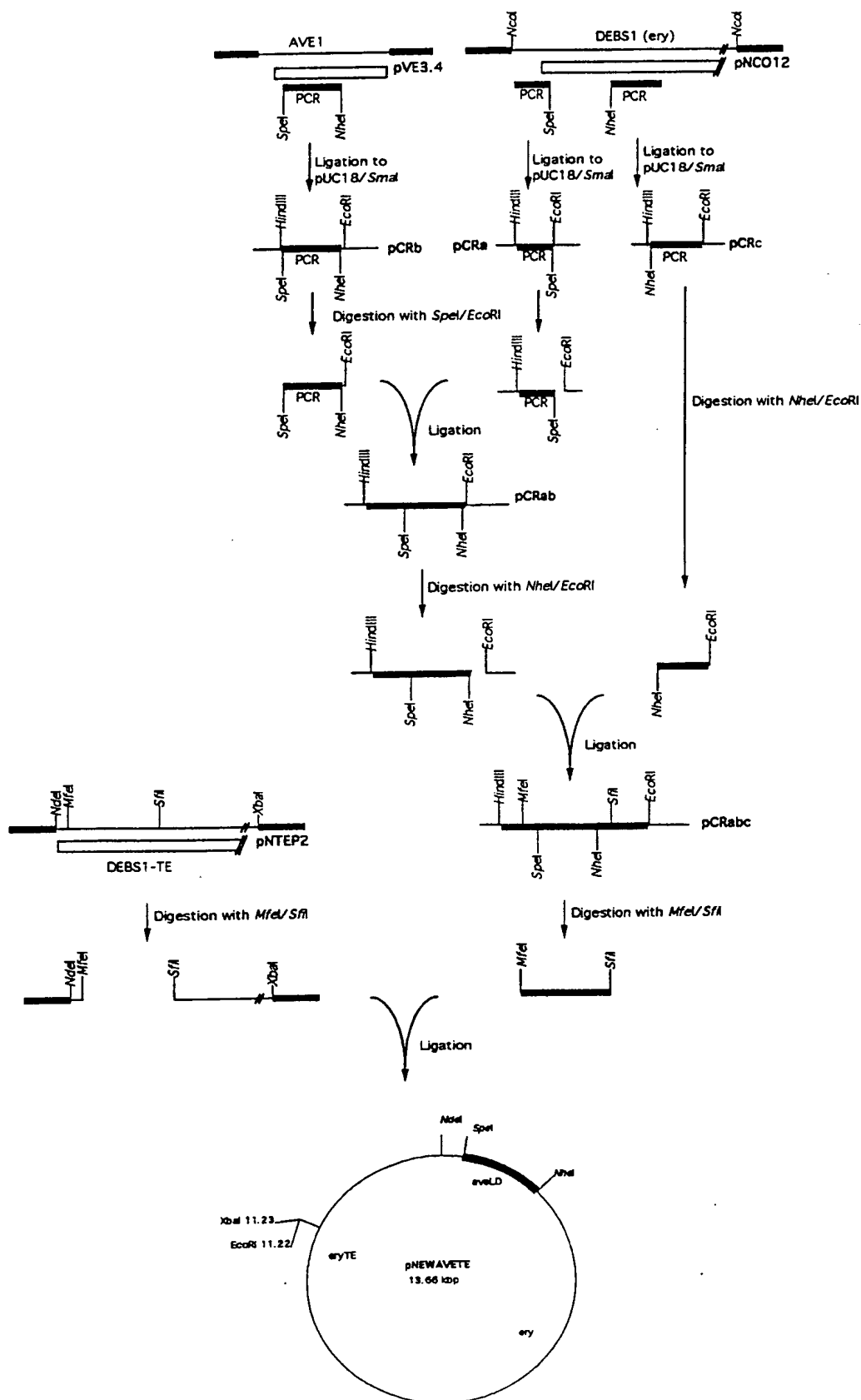


Figure 10a.

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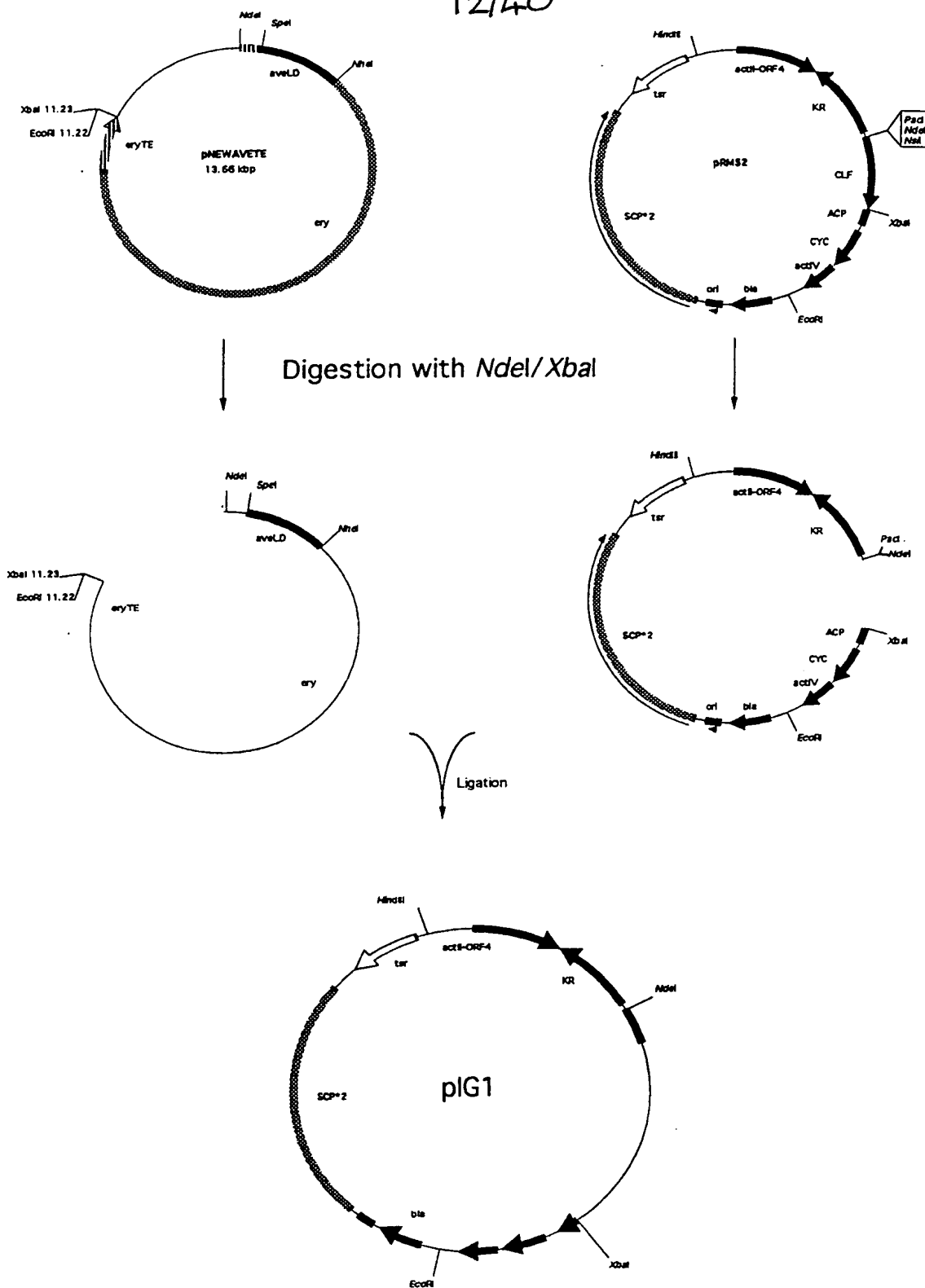


Figure 10b.

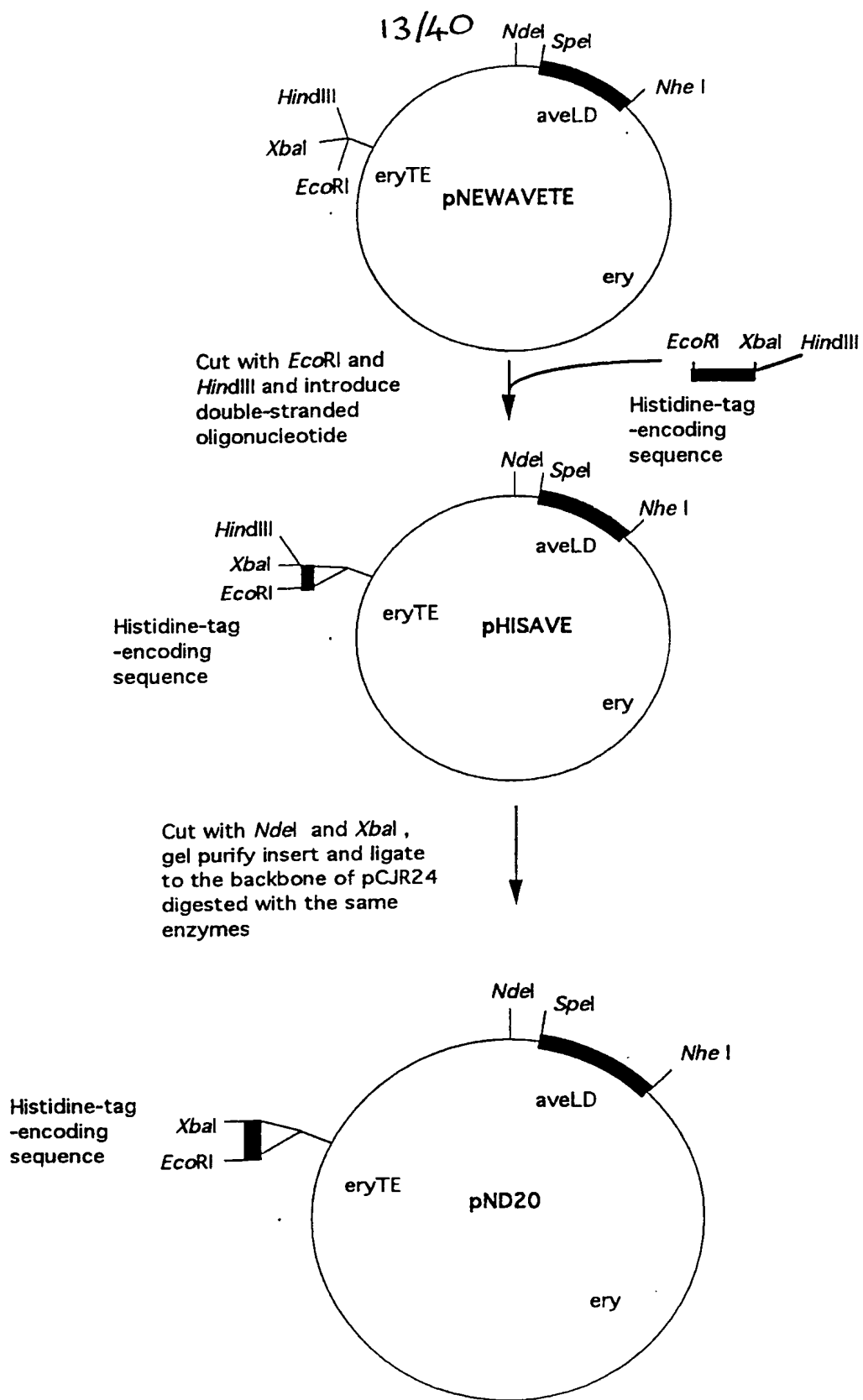


figure 11

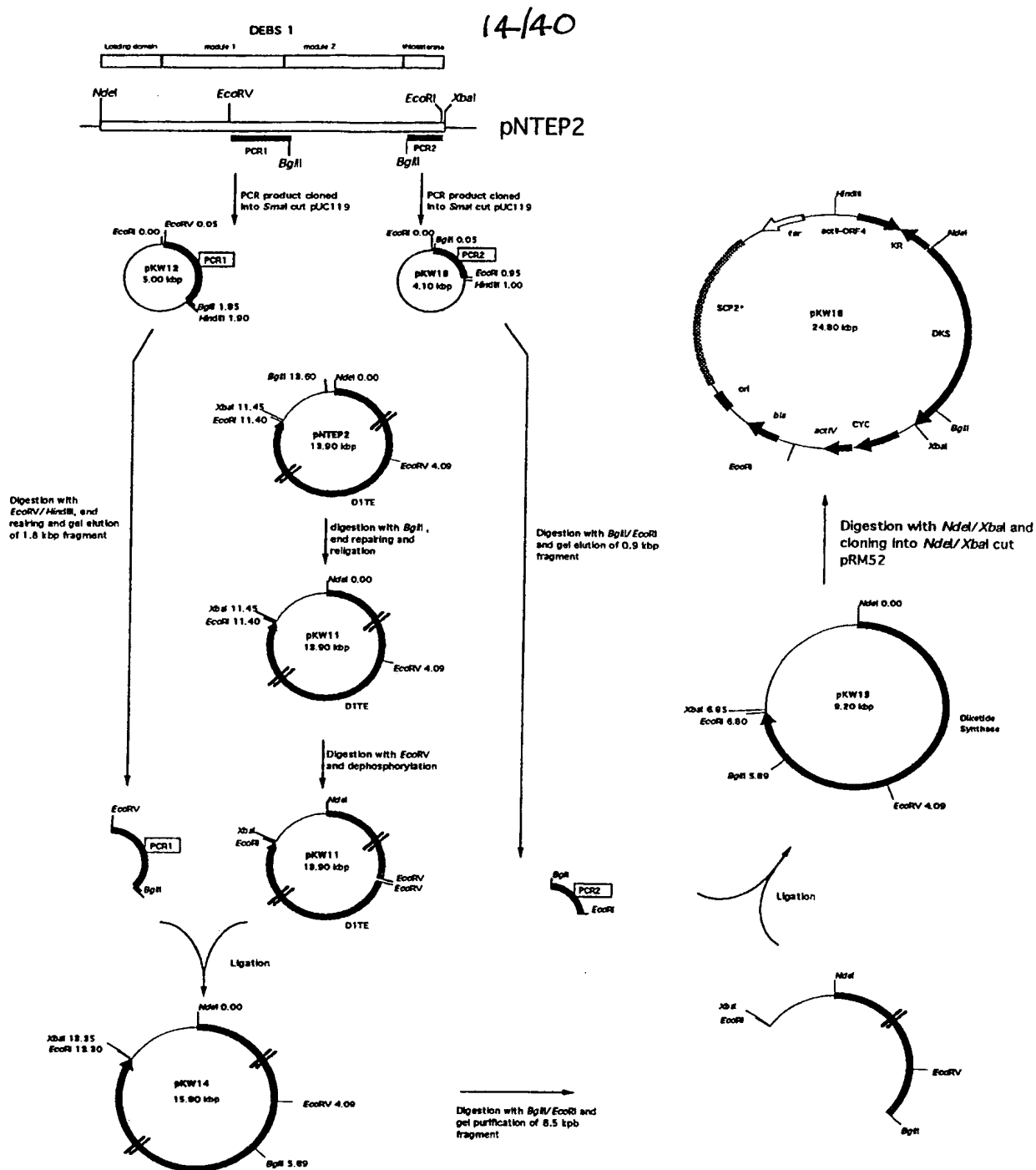


Figure 12.

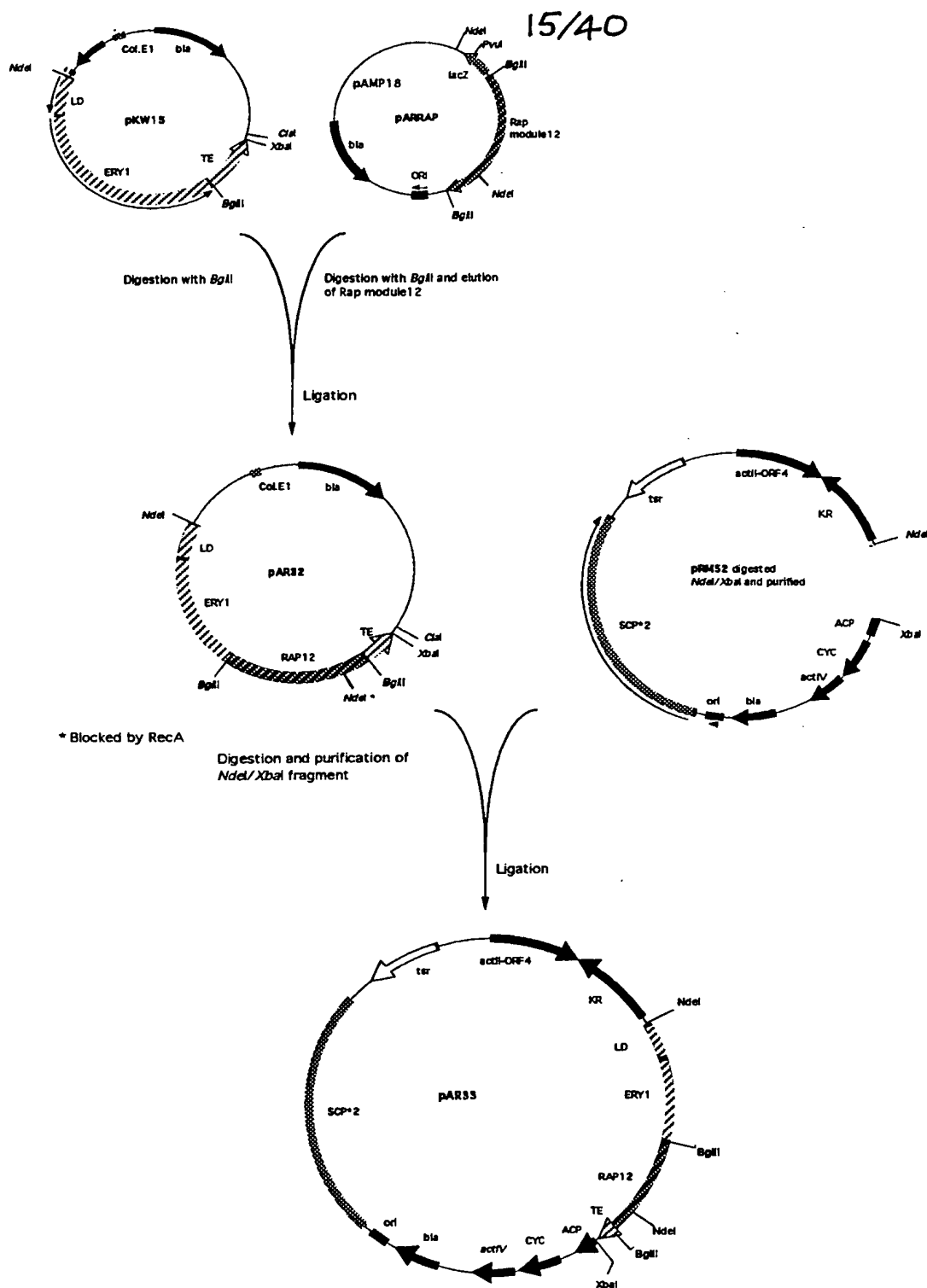


Figure 13.

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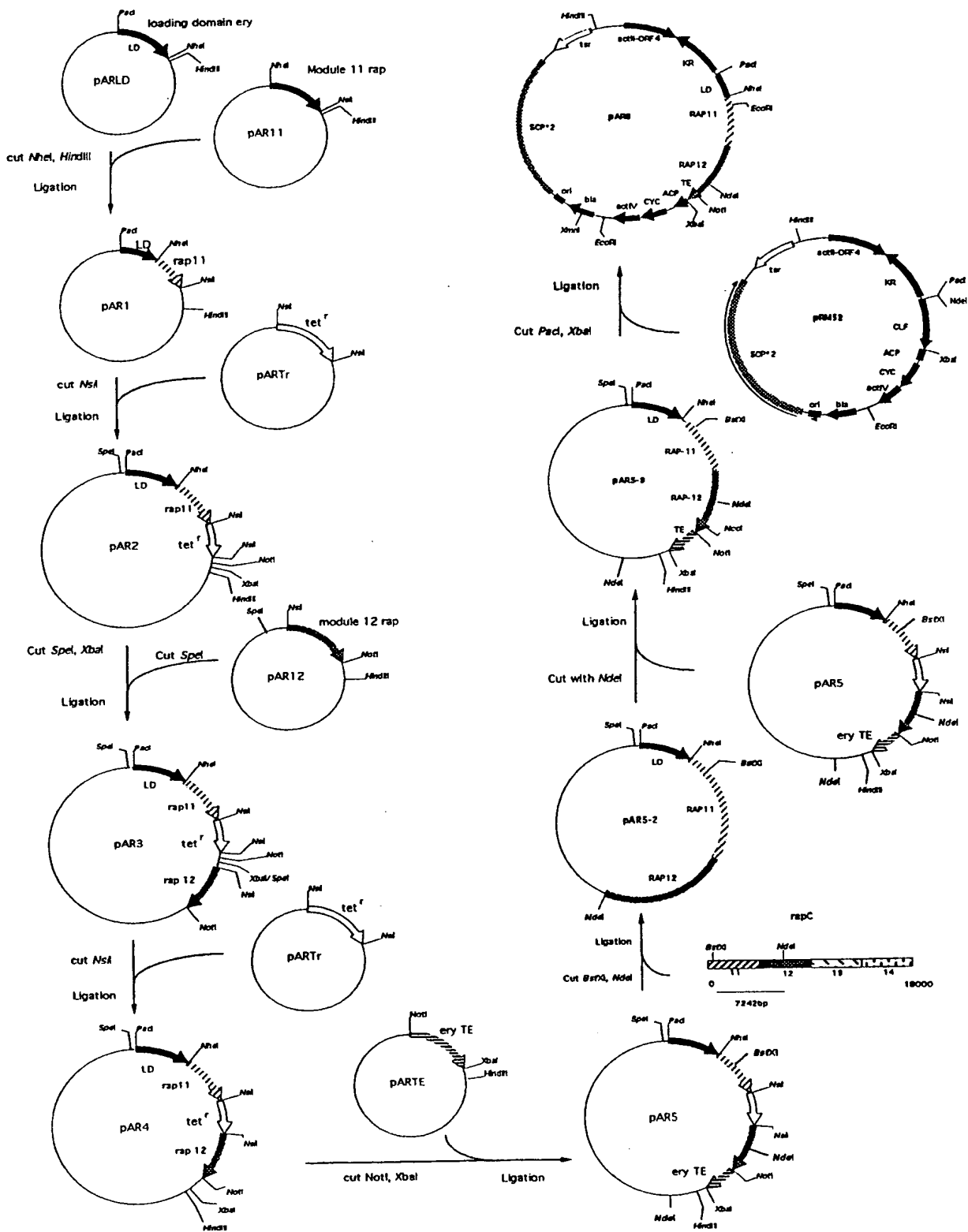


Figure 14.

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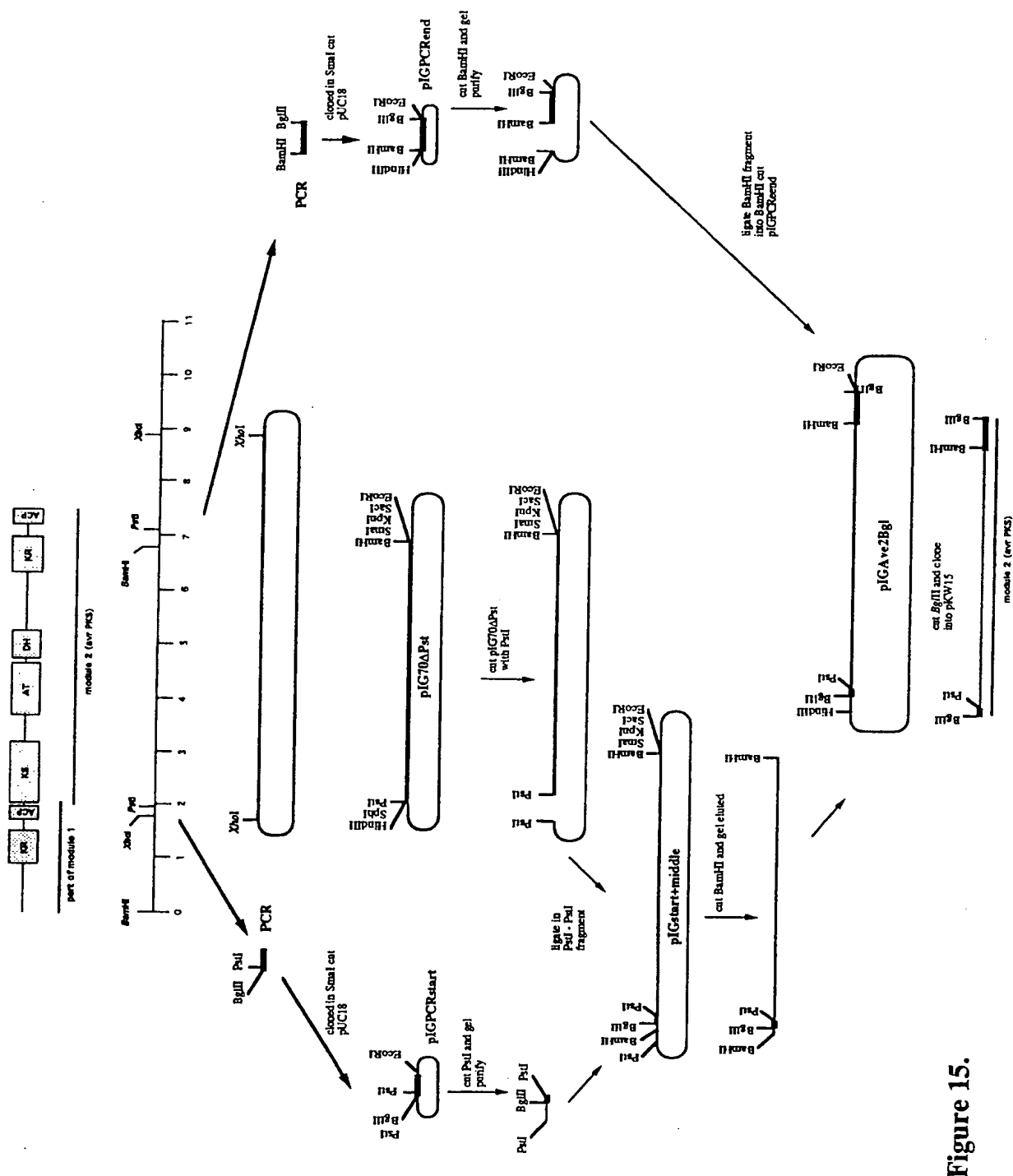


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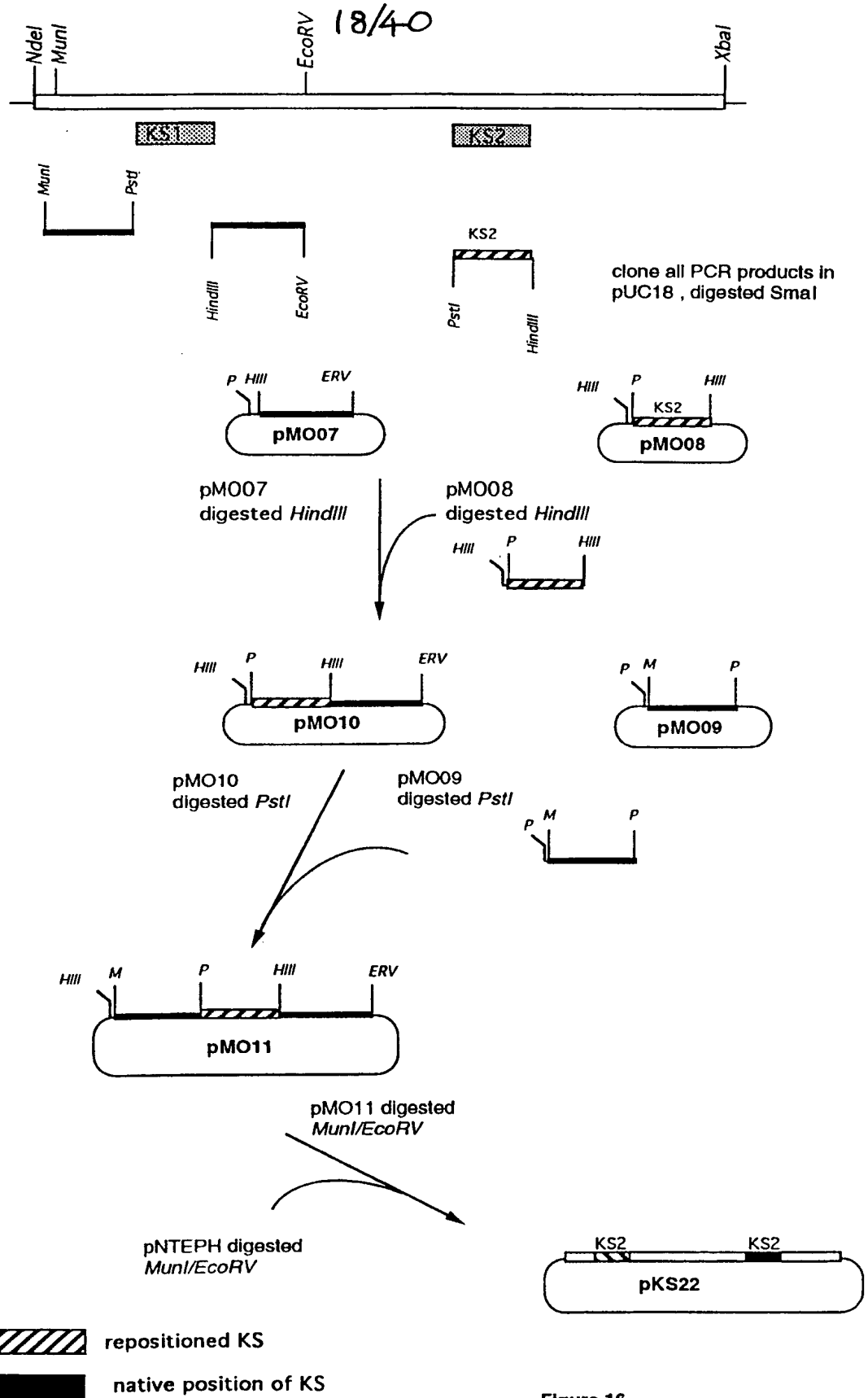


Figure 16

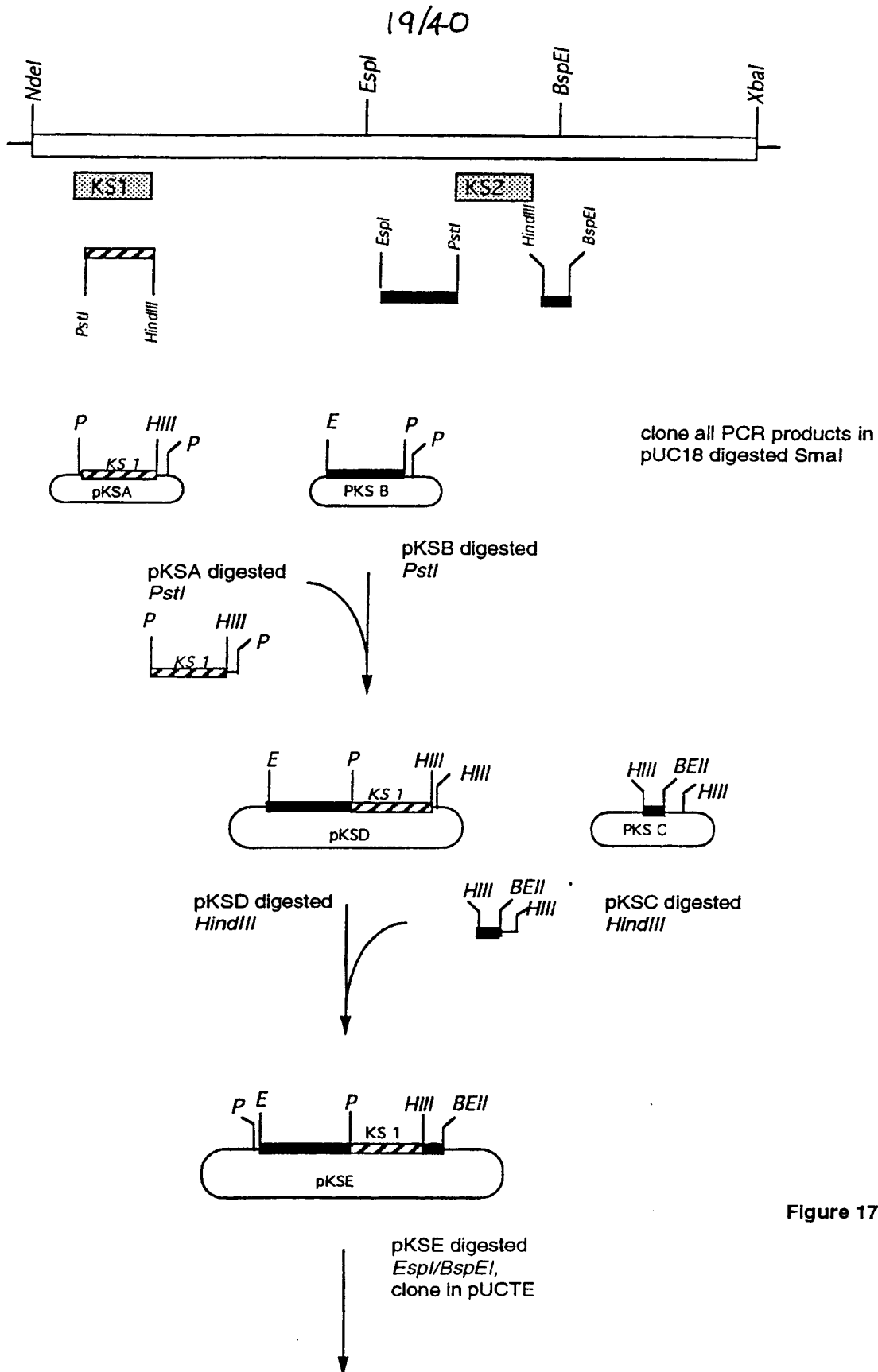


Figure 17a

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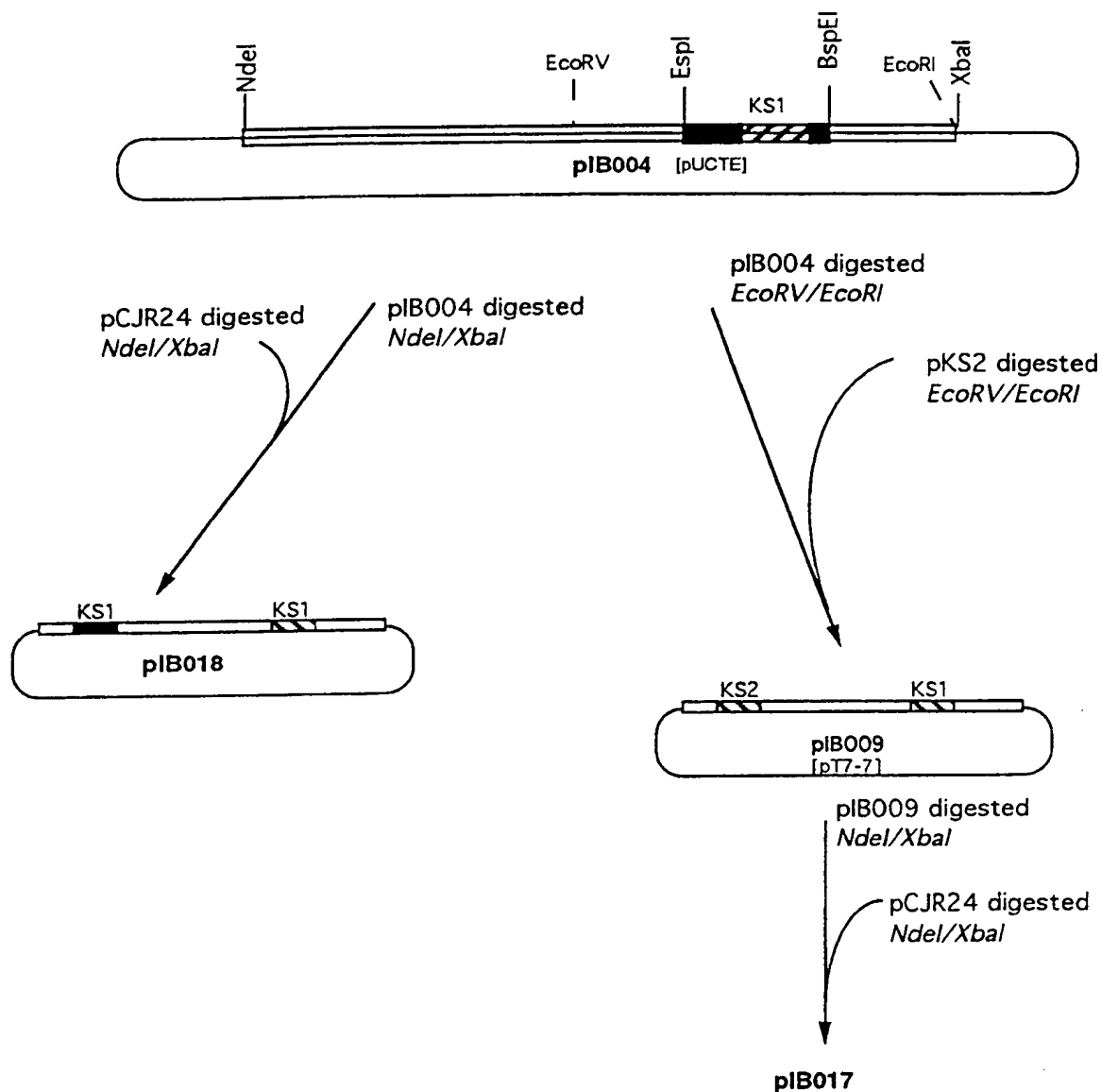
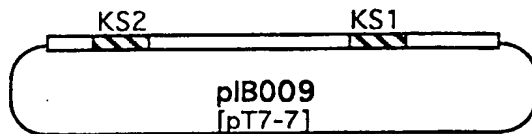


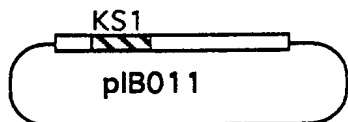
Figure 17b

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pIB009 digested
*Pst*I
and religated

pIB009 digested
*Hind*III
and religated

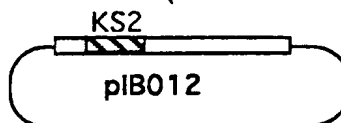


pIB011 digested
*Nde*I/*Xba*I

pCJR24 digested
*Nde*I/*Xba*I



pIB015



pIB012 digested
*Nde*I/*Xba*I

pCJR24 digested
*Nde*I/*Xba*I



pIB016



repositioned KS



native position of KS

Figure 18
Construction of DKS

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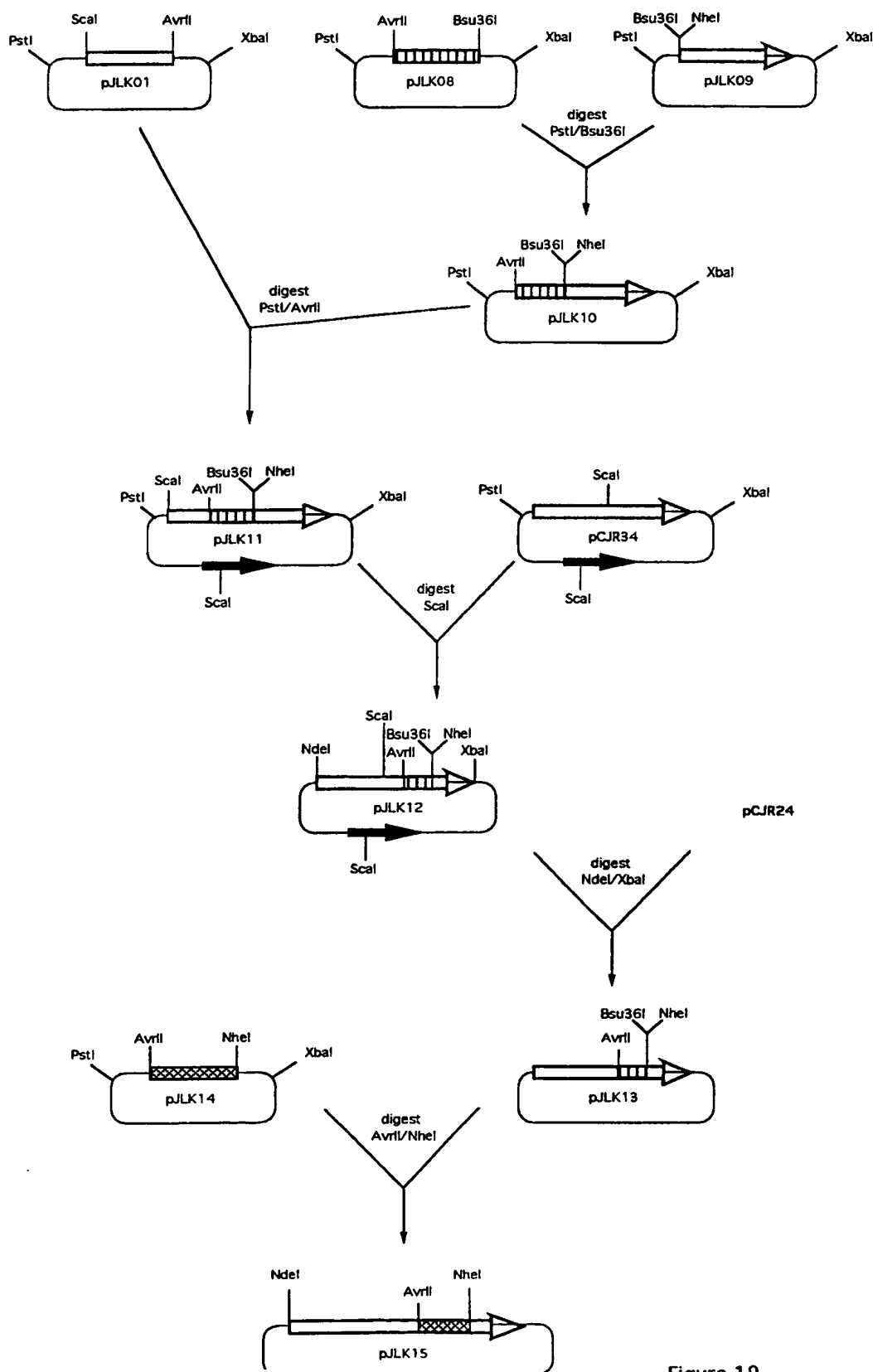


Figure 10

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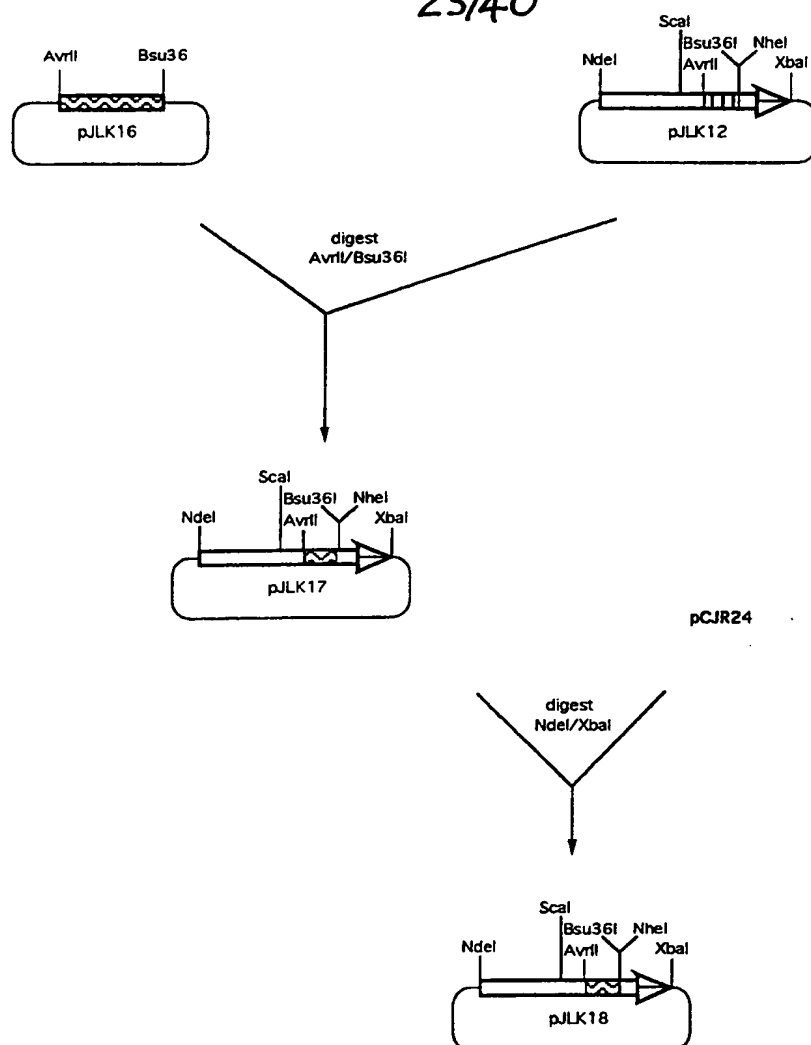
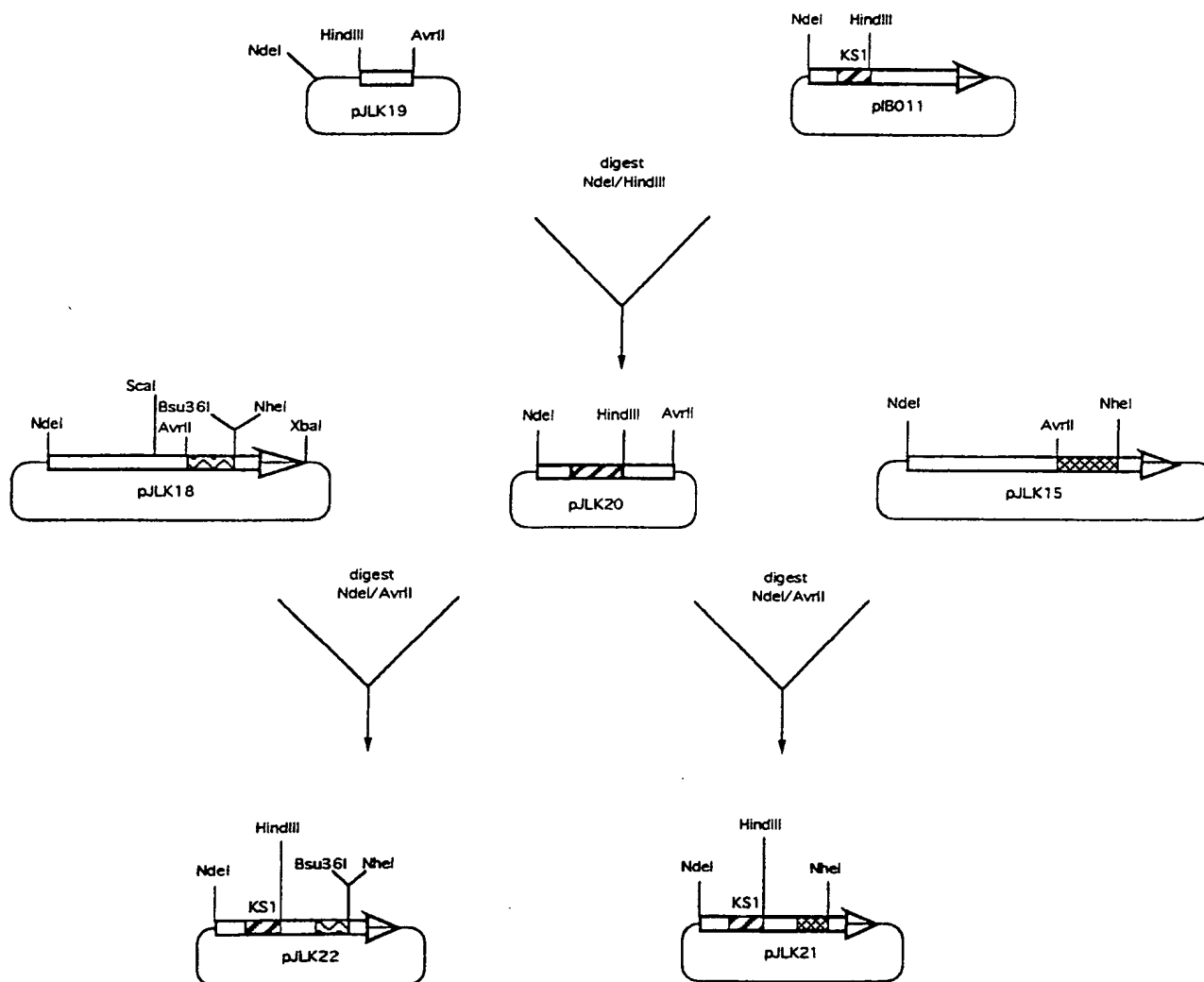


Figure 20

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Figure 21

Construction of a Diketide Synthase With Different Reductive Loops



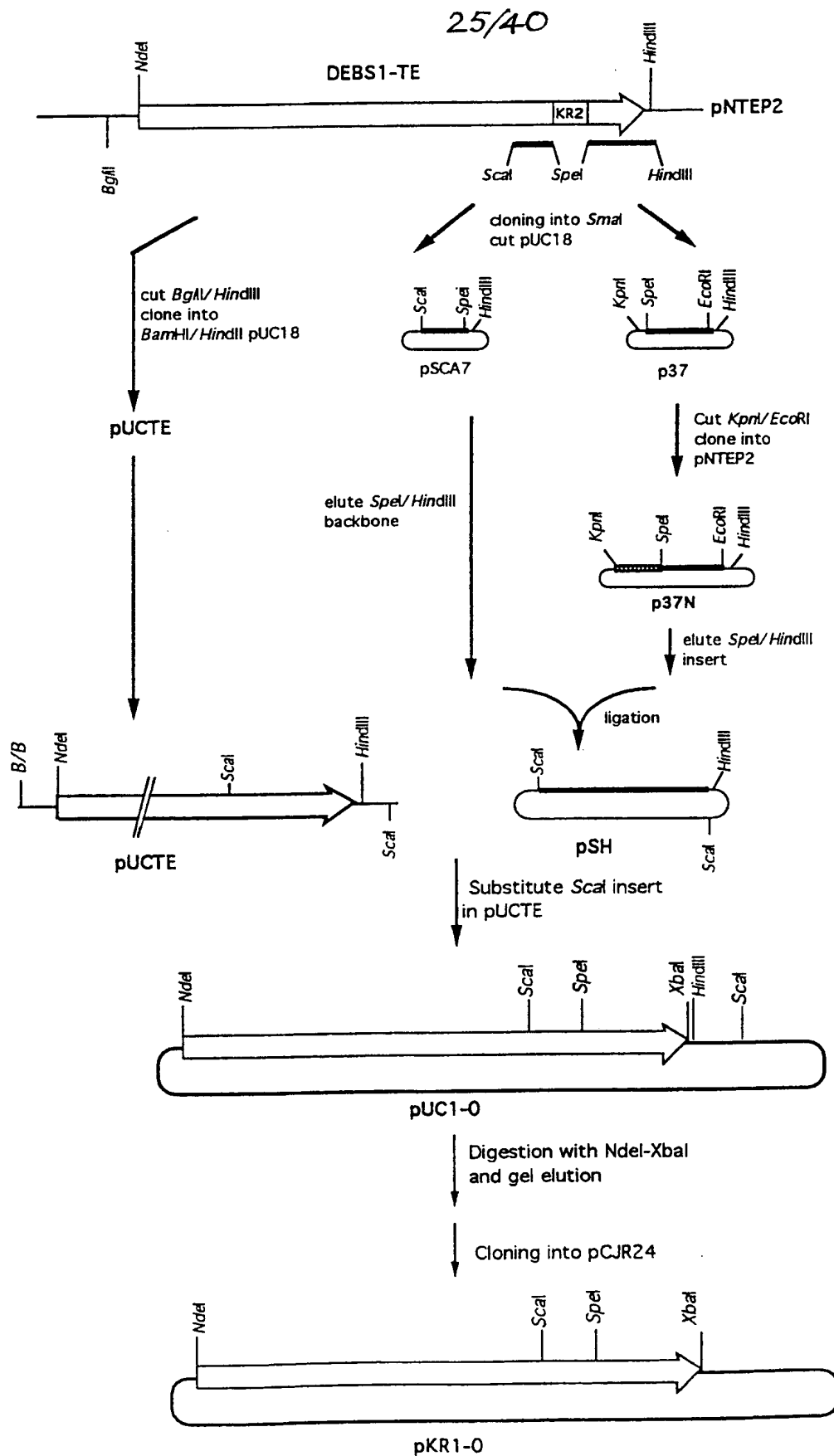


Fig 22

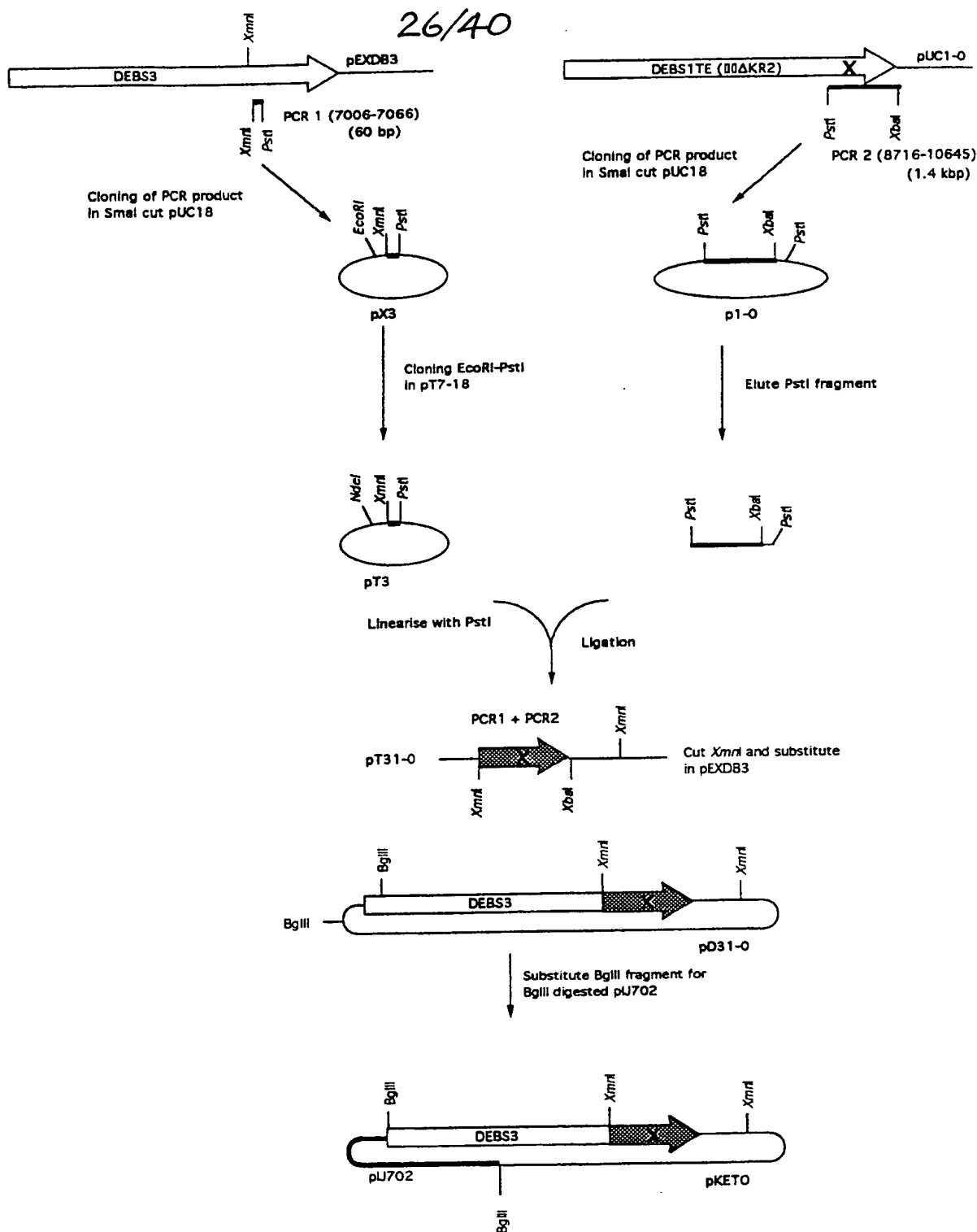


Fig 23. Construction of plasmid pKETO

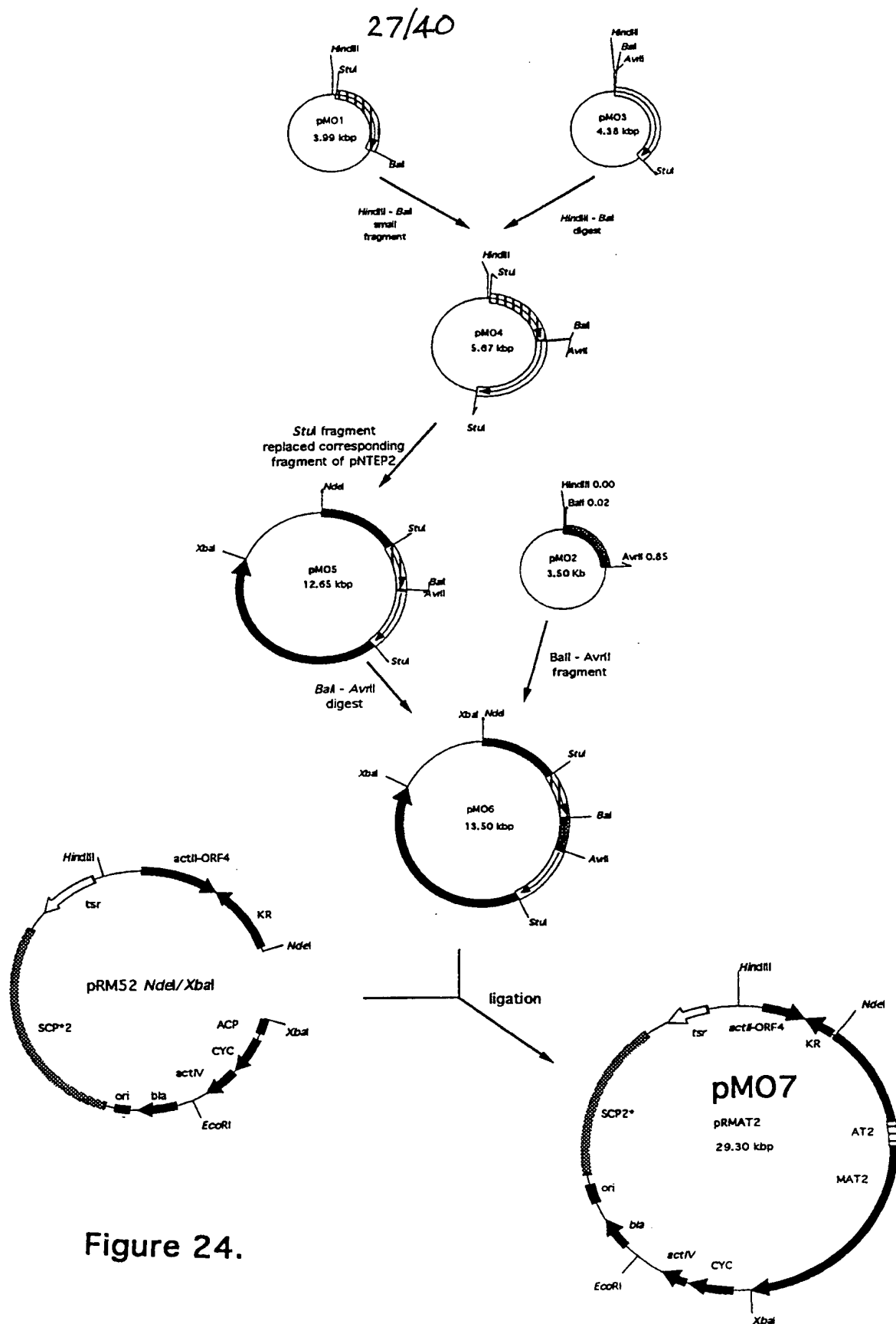


Figure 24.

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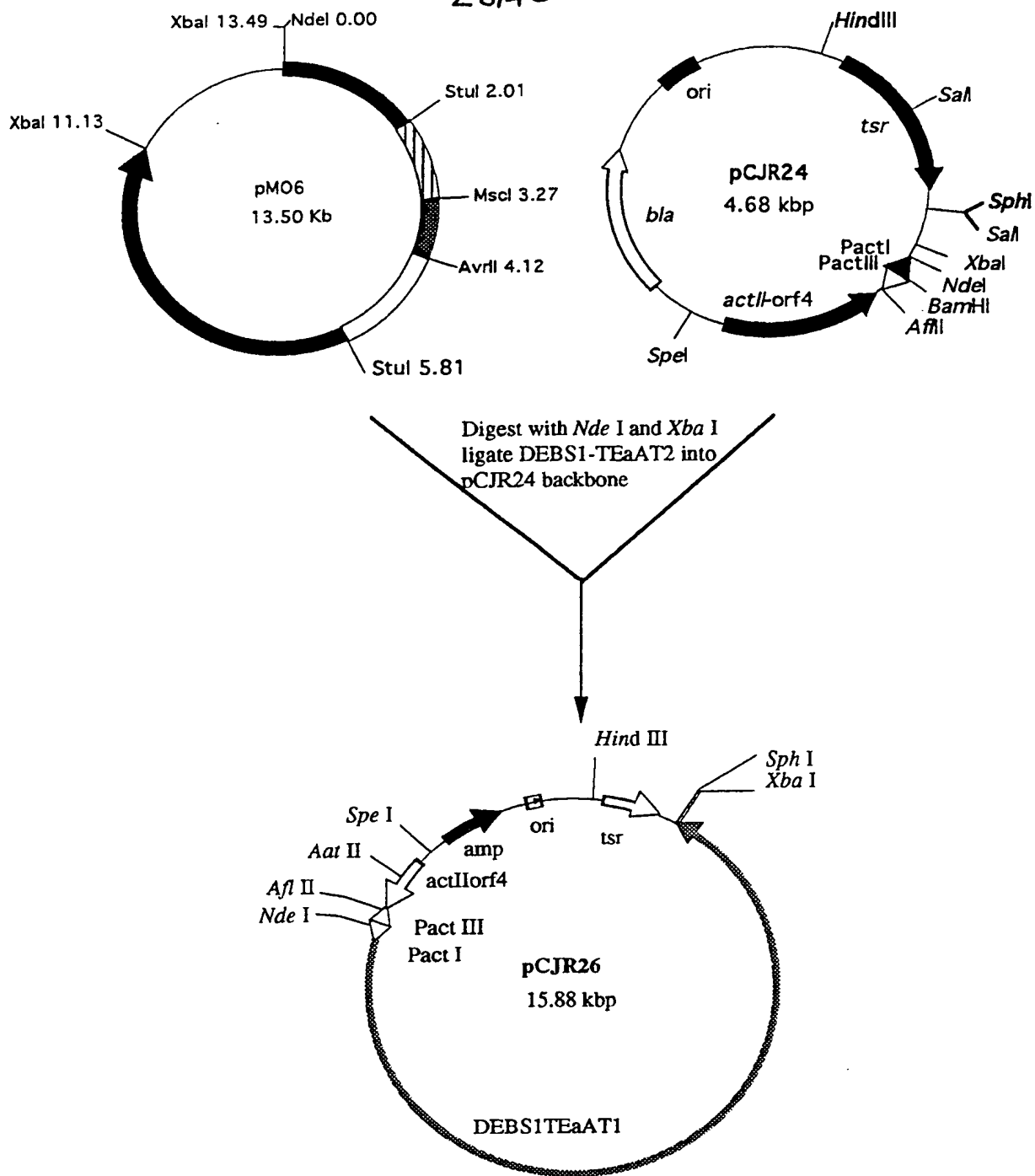


Figure
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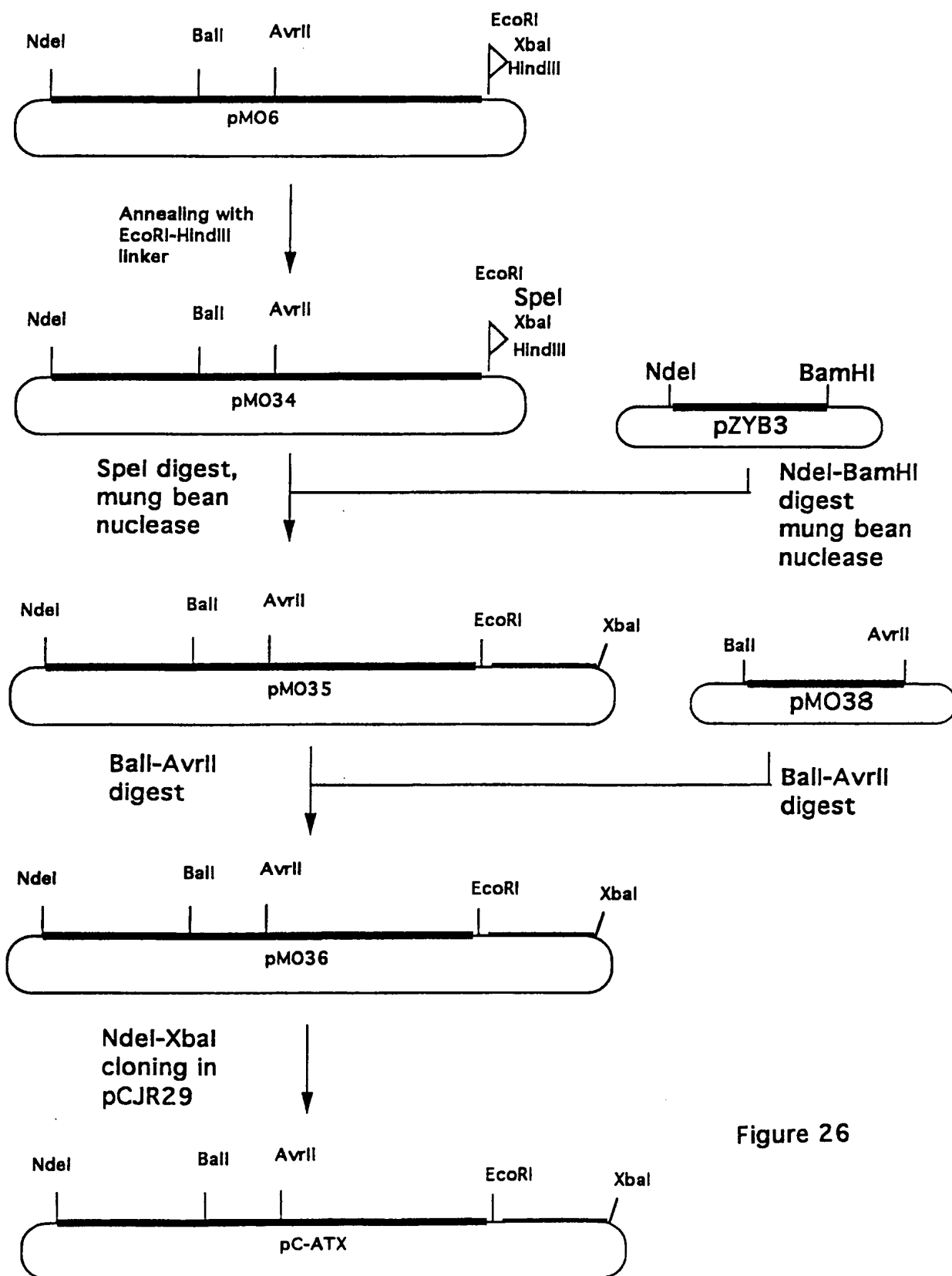
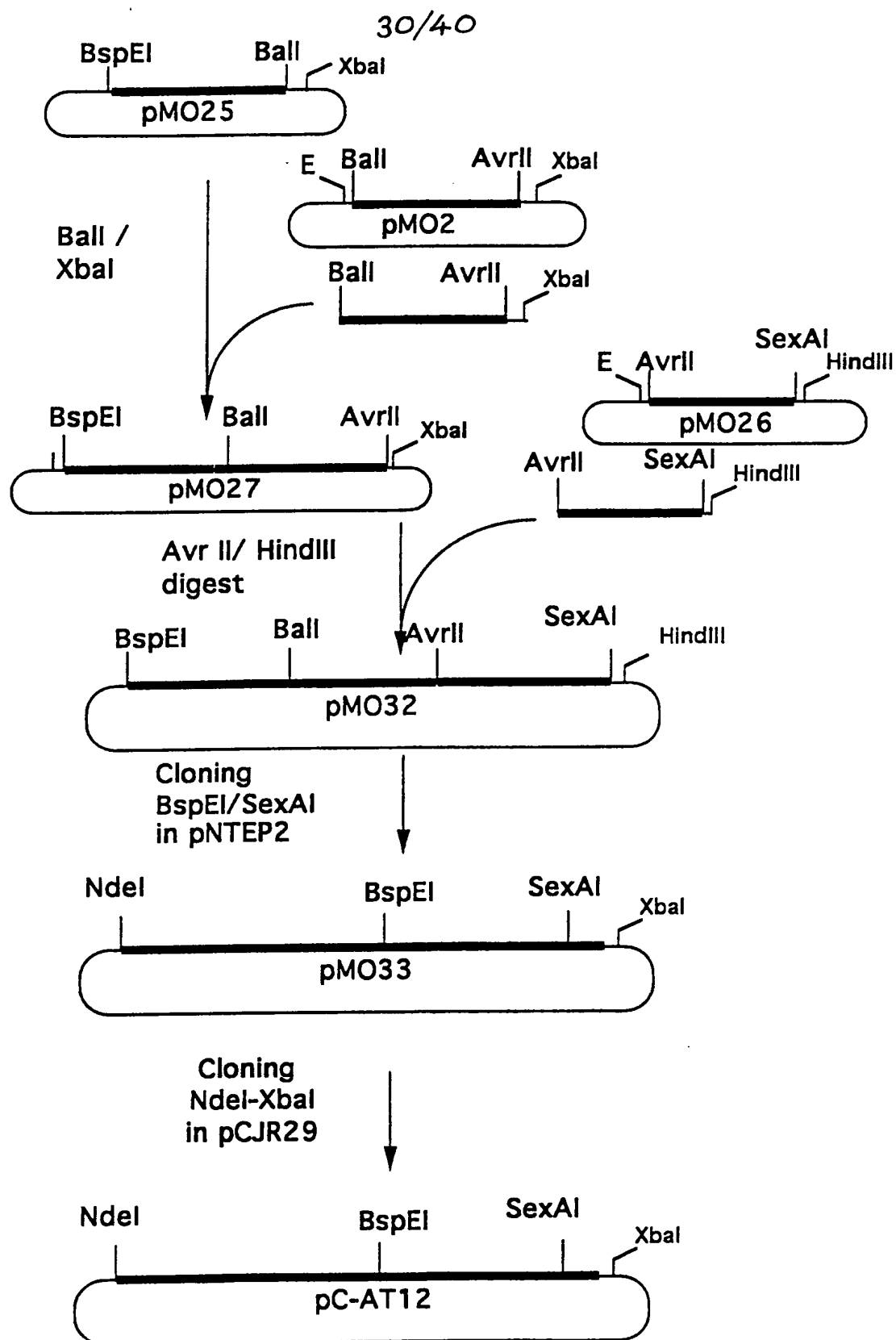


Figure 26



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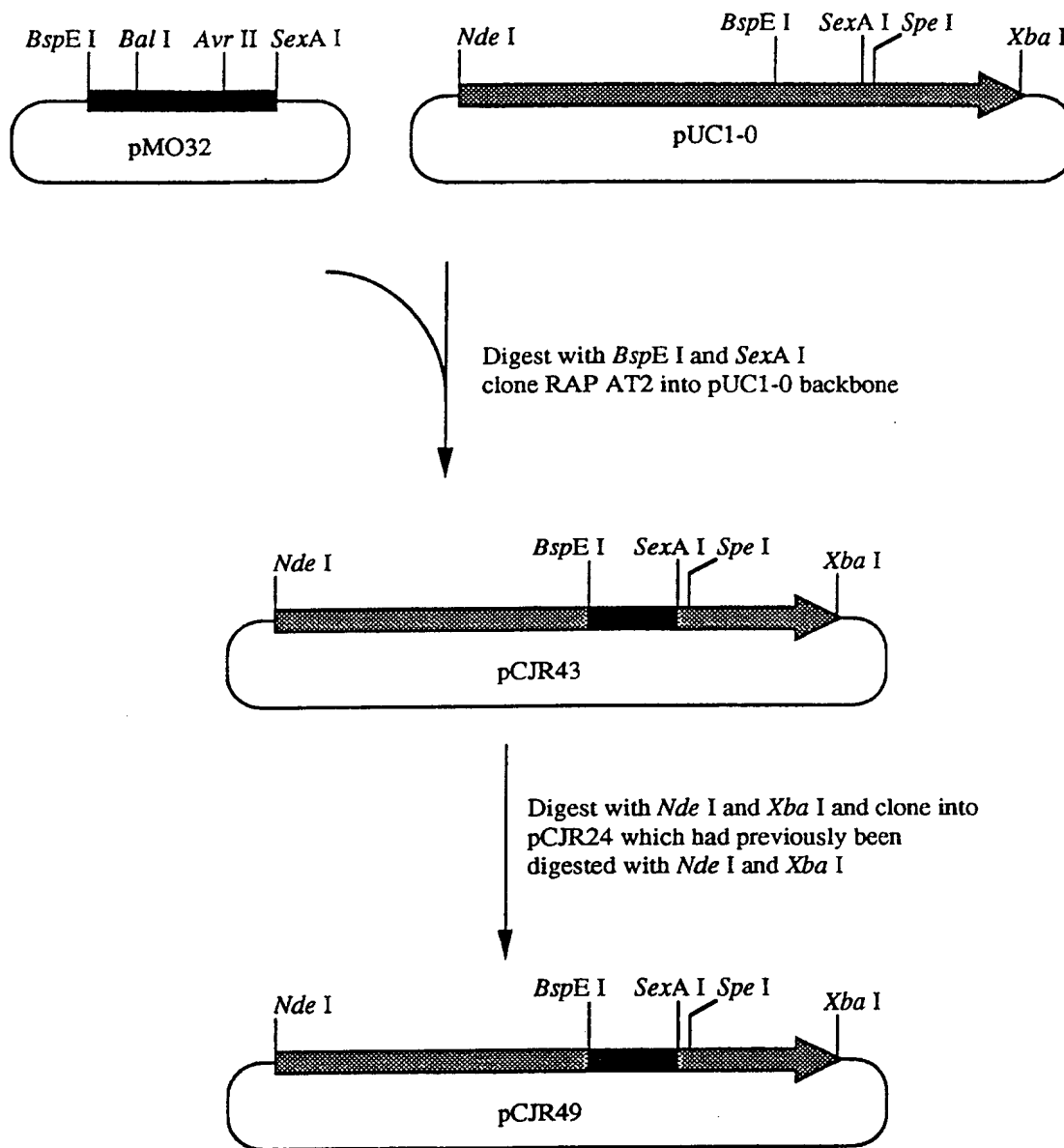


Figure
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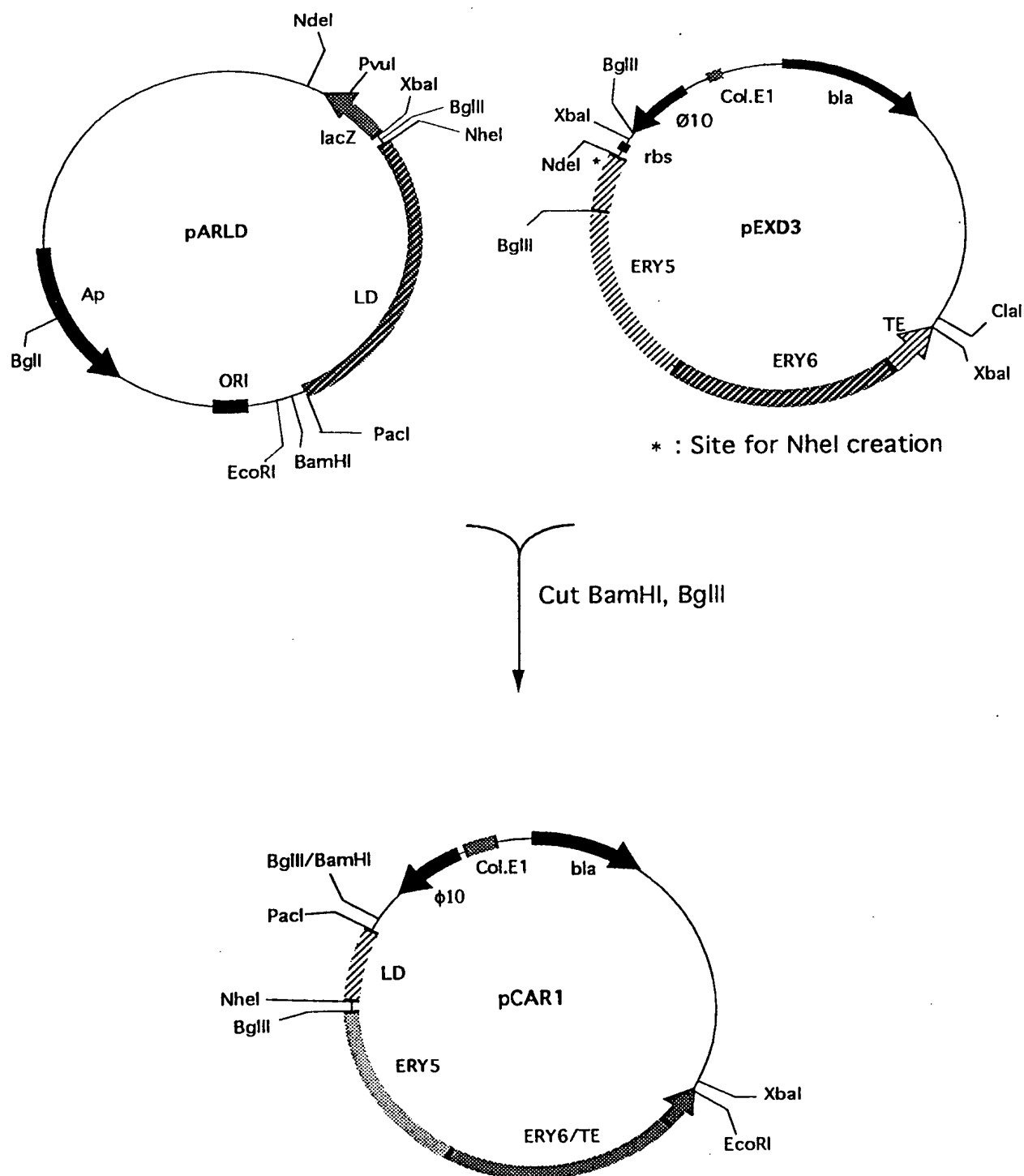


Figure 29a: Construction of pCART11

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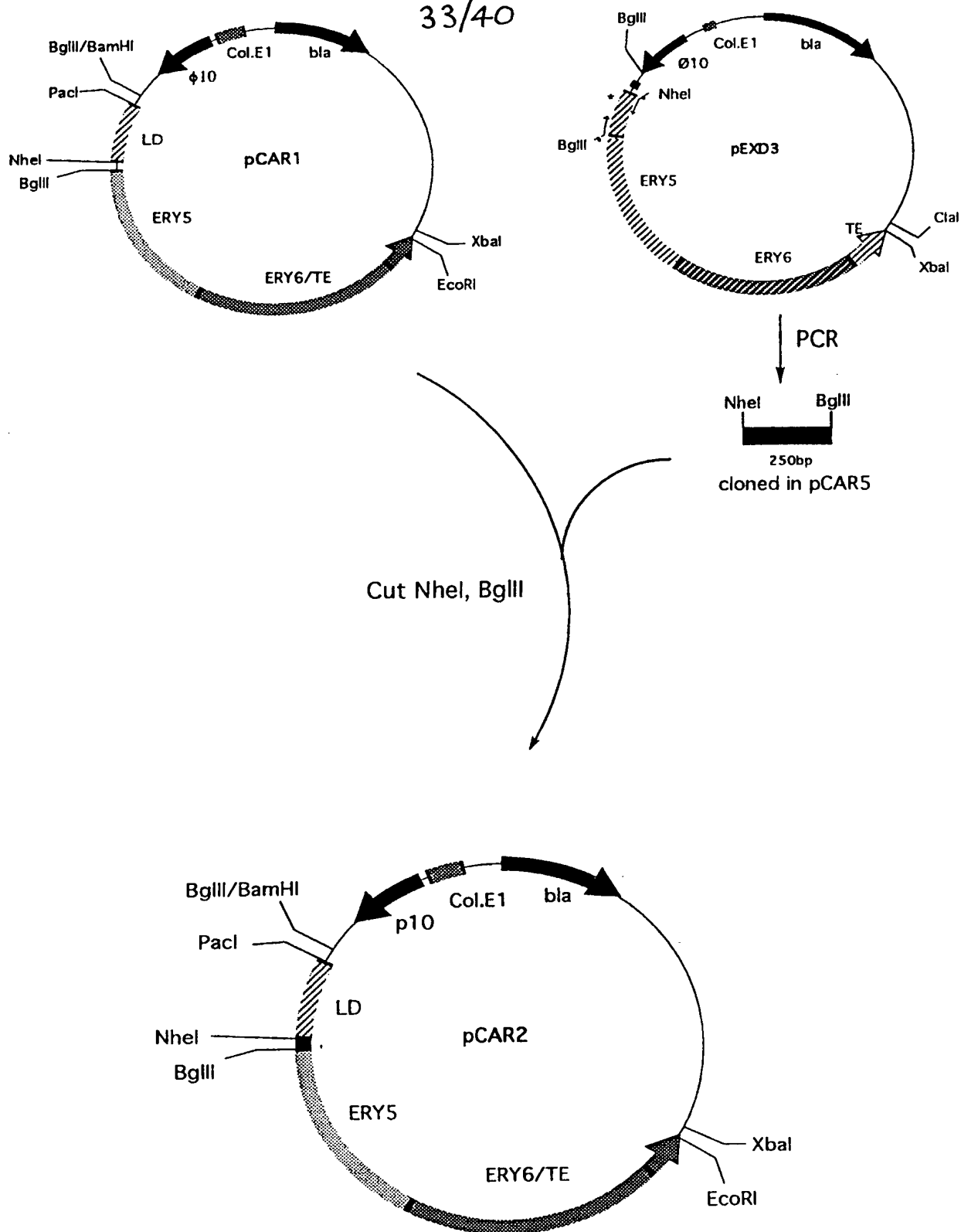


Figure 29b: Construction of pCAR11

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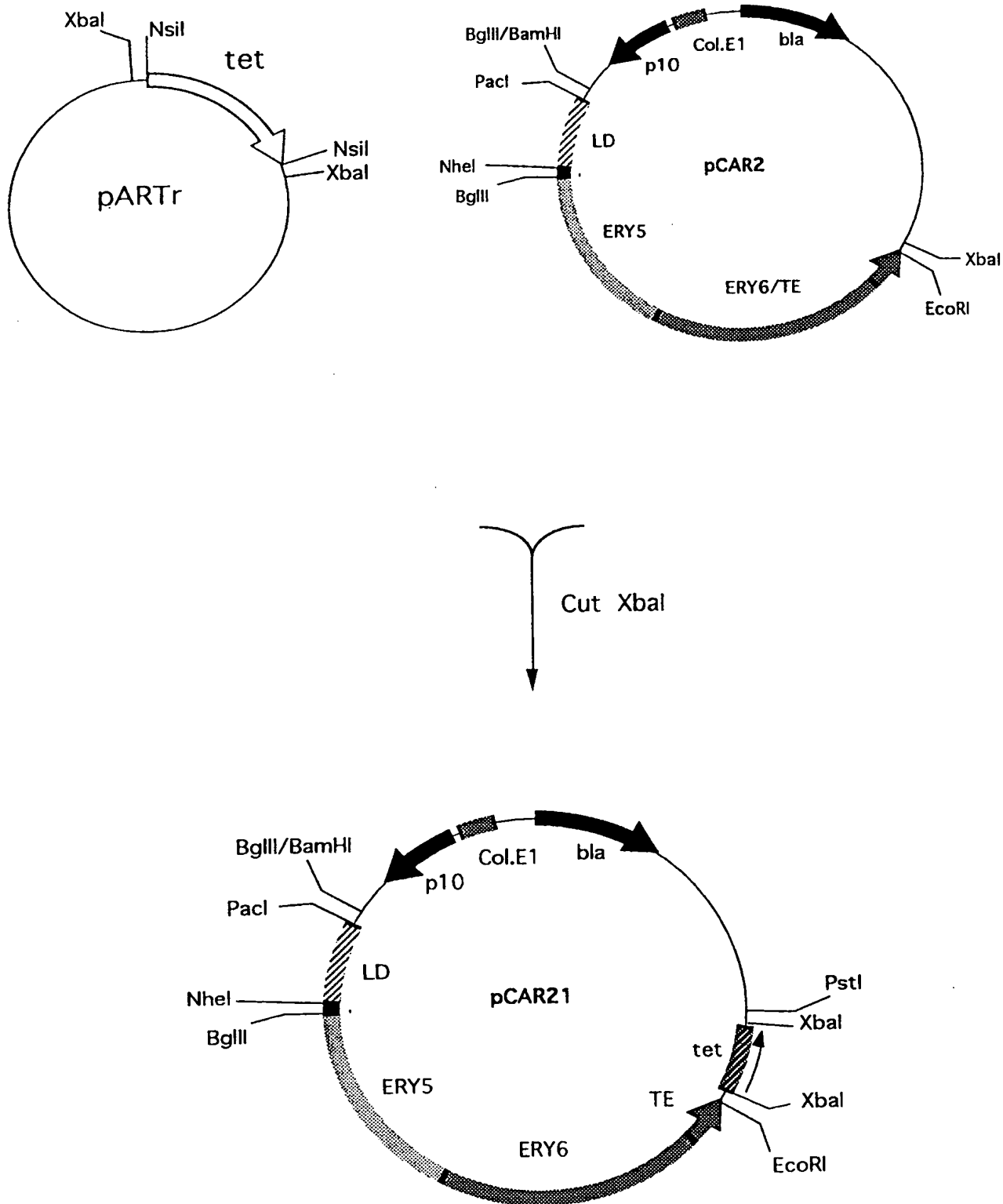


Figure 29c: Construction of pCART11

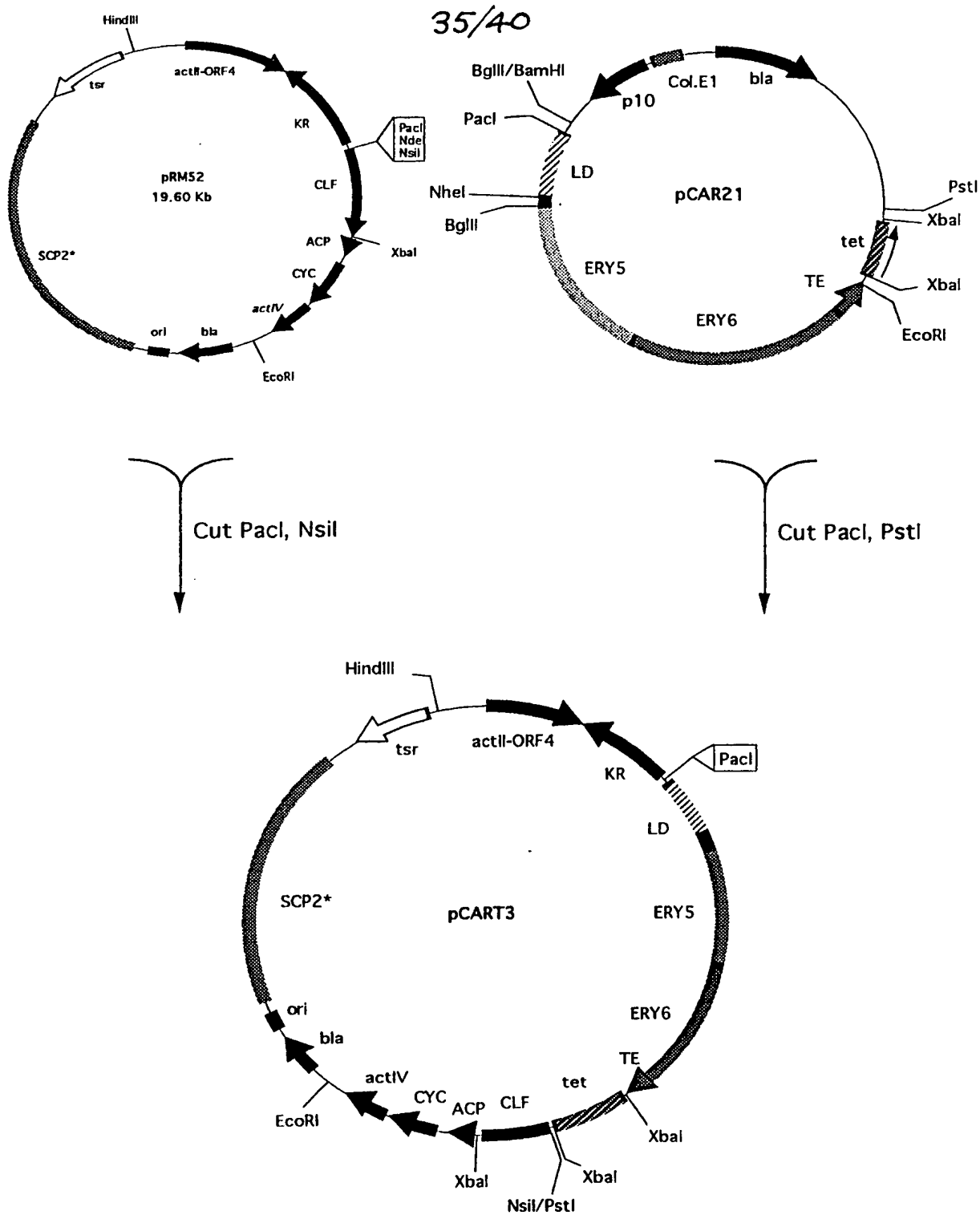
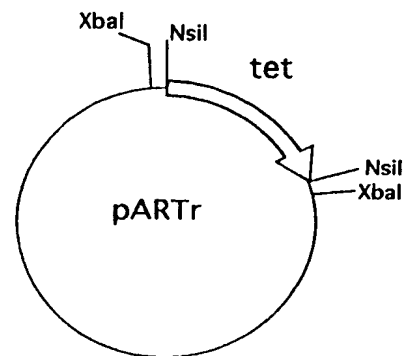


Figure 29d: Construction of pCART11



Cut XbaI

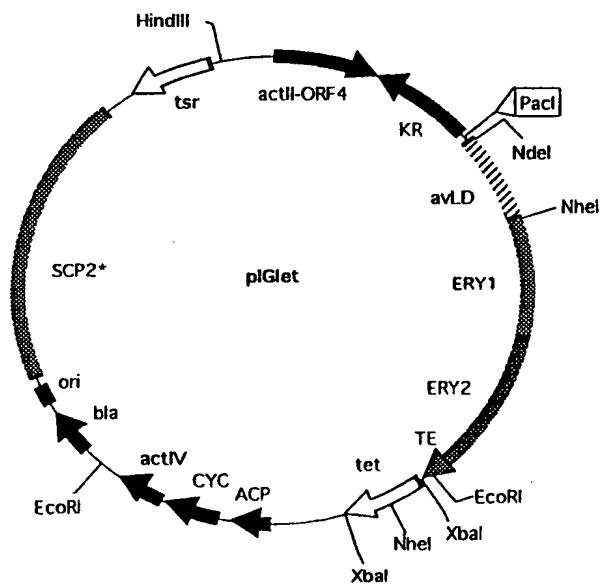


Figure 29e: Construction of pCART11

Questions **A**nd **A**nswers

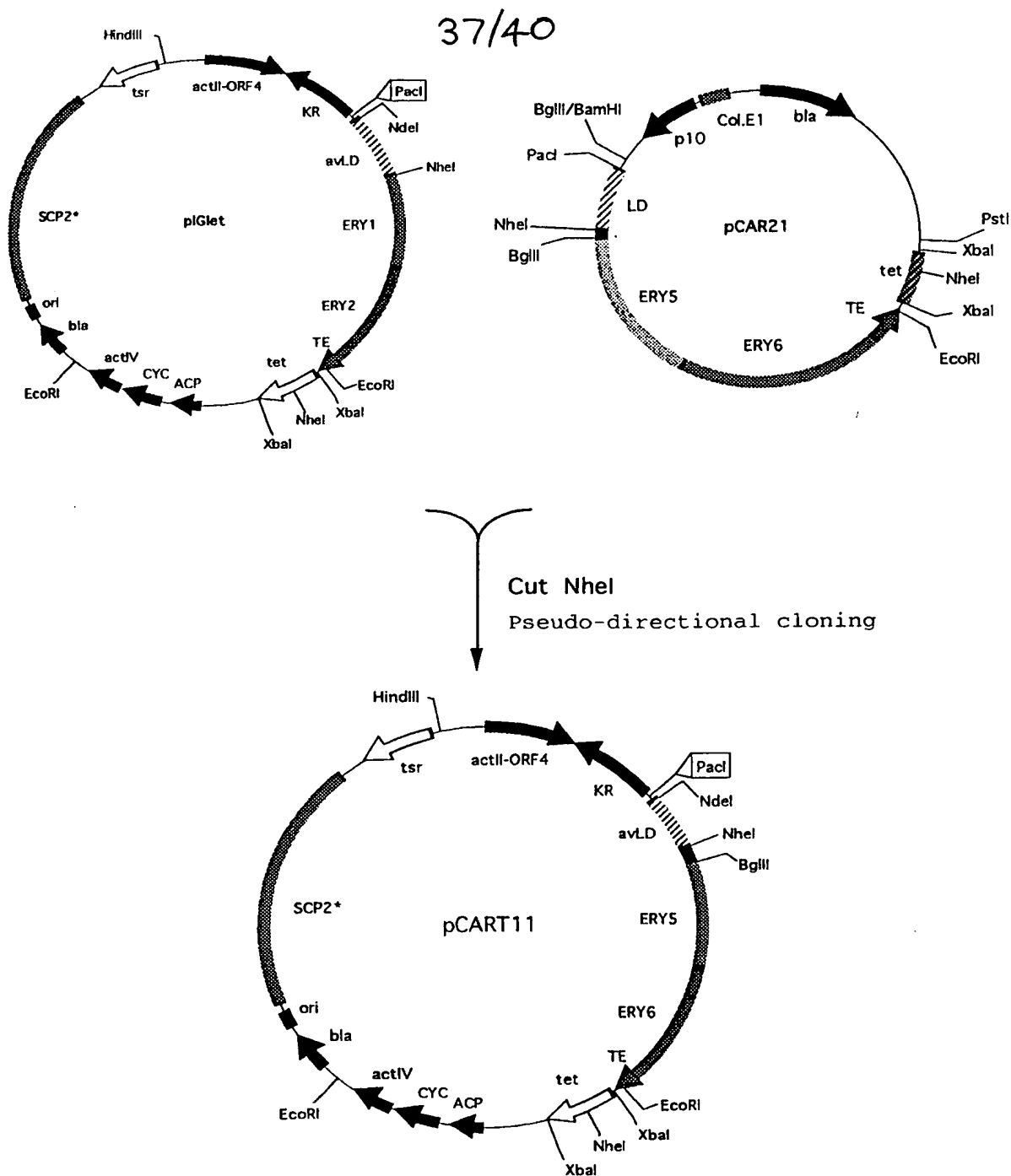
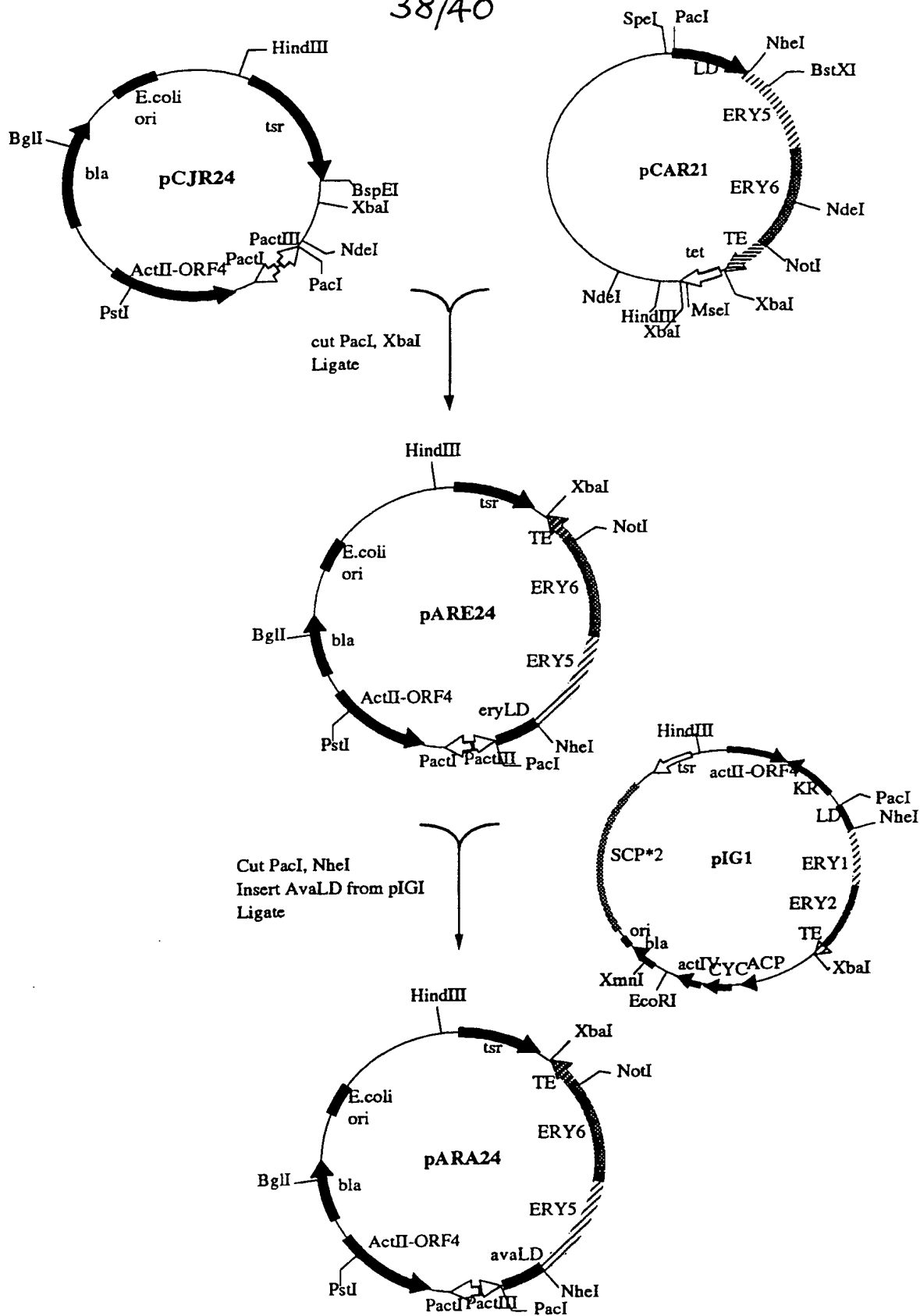


Figure 29f: Construction of pCART11

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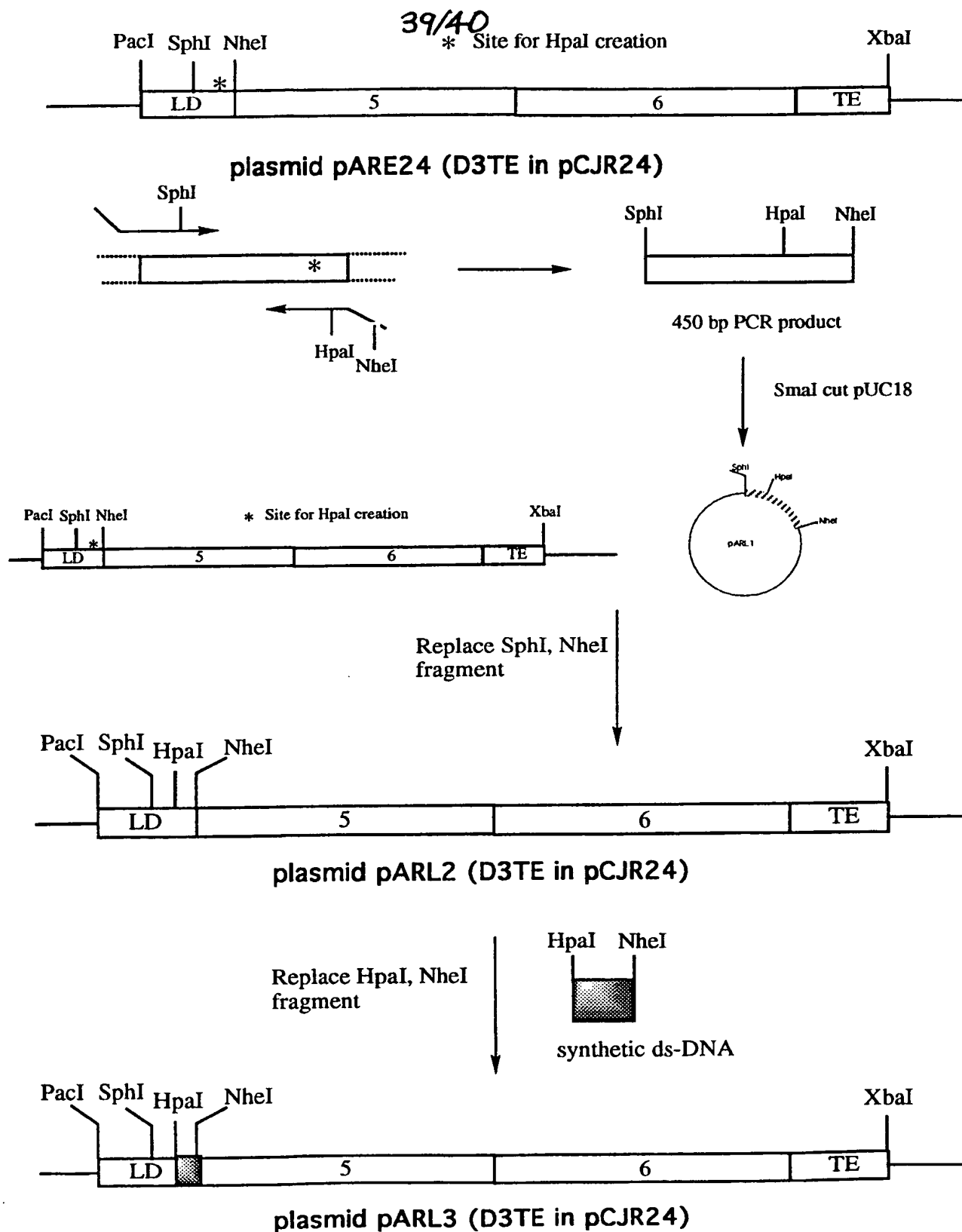


Figure 31 : Construction of plasmid pARL3

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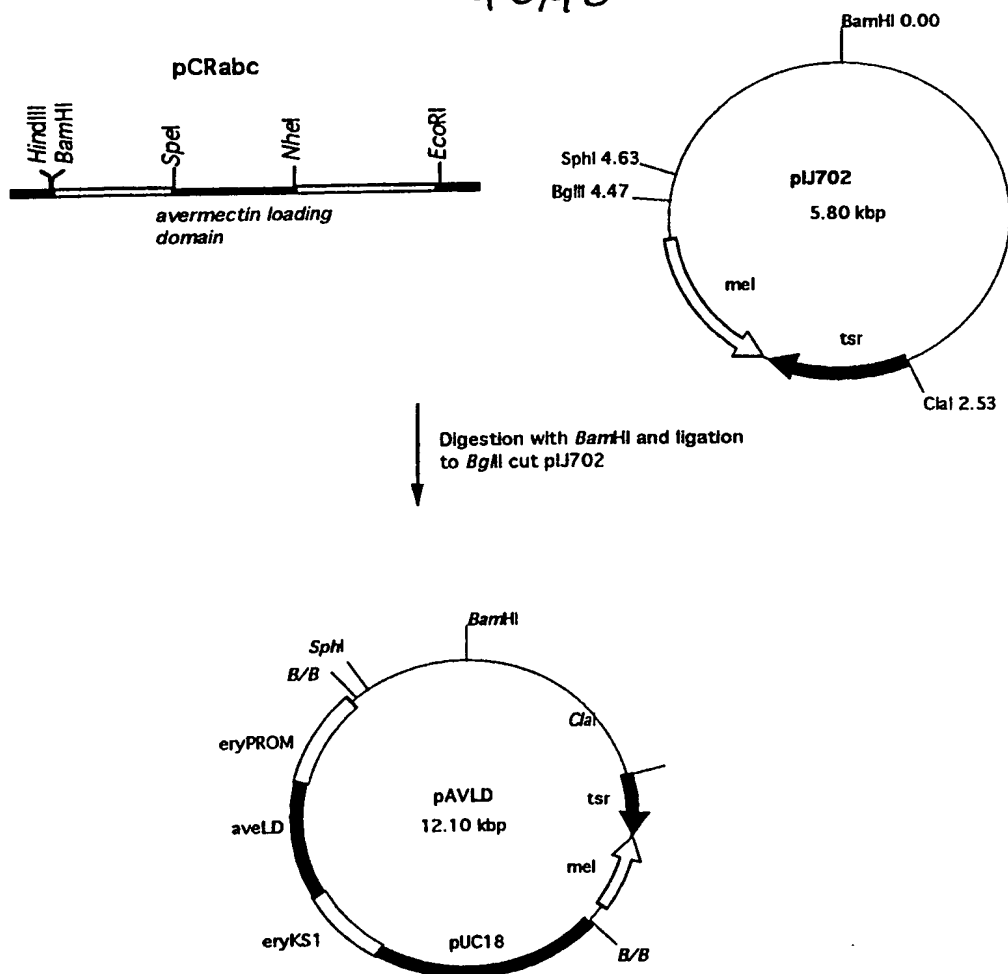


Figure 32.